

SUMMER / FALL 2024 CLASS SCHEDULE

CHABOT

COLLEGE



Invest in *you*

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CHABOT
COLLEGE

Low cost or free
textbooks and
course materials
for many classes

Transfer
guaranteed
to UC or CSU

Summer classes
begin late May
Fall classes
begin in August



Outstanding Institution of Higher Learning



WELCOME TO CHABOT COLLEGE

We are excited that you have chosen Chabot College for your educational journey. Whether your goals are to transfer to a four-year university, gain job skills to advance your career, or pursue your interests, Chabot provides culturally responsive programs to support your success.

As the birthplace of model, statewide programs such as Puente and Umoja, Chabot values the power of rigorous instruction paired with a robust counseling and academic support system.

BUILDING FOR THE FUTURE

Chabot has invested in various infrastructure projects to deliver high quality learning environments. The Biological Science Building boasts five new instructional laboratories and spaces for students and faculty.

Chabot also opened a new campus dedicated to fire, rescue and emergency response training. This innovative education center opened in 2023 in partnership with the City of Hayward with the goal of offering vital training opportunities for first responders across the region.

Coming in fall 2024, Chabot will be opening the new Library and Learning Connection Building in the heart of the campus. This building – featured on the cover with students – blends academic resources, study and social spaces, including indoor and outdoor areas to support and encourage an active student lifestyle.

The footprint of our college is changing, but our pursuit of fostering a campus community that will prepare a new generation of entrepreneurs, artists, scientists, educators, and more remains the same.

PURSUIING EXCELLENCE

Chabot College was named one of the top ten best community colleges in California! We pride ourselves in providing a student-centered approach that supports the development of the whole person, where students feel safe and welcome, and are provided with innovative instruction and services, all in a caring and compassionate environment. **We look forward to seeing you and welcome to the Gladiator family!**

Jamal A. Cooks, Ph.D.
President, Chabot College



SCAN TO FOLLOW ME



@chabot president



@chabot_president



@jamal a cooks



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CLASS SCHEDULE NOTIFICATIONS

ALTERNATE FORMAT

The class schedule is available in an alternative format. Contact the Accessibility Center for Education for more information.

- Located in Building 2400
- www.chabotcollege.edu/dsps
- 510.723.6725

CLASS SCHEDULE UPDATES

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.

GRANTING OF CERTIFICATES AND DEGREES

Per Board Policy 4100, the District grants associate degrees and certificates to students who have successfully completed the prescribed curriculum and graduation requirements for those degrees and certificates.

PHOTOGRAPHY DISCLAIMER

Chabot and Las Positas Colleges, being non-profit California Community Colleges, reserve the right to use photography and video images of students and visitors, age 18 and older, taken on our property and at college-sponsored events for marketing and promotional purposes. Objection to the use of an individual's photograph may be made in writing to the district office of marketing and public relations, addressed to: Director, Public Relations, Marketing and Government Relations, Chabot-Las Positas Community College District 7600 Dublin Blvd., 3rd Floor, Dublin, CA 94568.

FERPA DISCLAIMER

Please see [page 103](#) for Chabot College's FERPA policy regarding the right to inspect and review student education records, the right to request the amendment of records, and the right to consent to disclosures of personally identifiable information.

ADMISSIONS AND REGISTRATION

APPLY FOR ADMISSION AND REGISTER ONLINE

Apply online at: www.chabotcollege.edu/welcome24

Check the email provided on your application 48 - 72 hours after applying to receive your Student ID Number (W#) from ccapply@clpccd.cc.ca.us

Complete the matriculation services in the Student Equity & Achievement (SEA) Program ([page 12](#))

For SEA assistance, visit: www.chabotcollege.edu/admissions/become-student/first-time-student.php

Log into CLASS-Web: <http://bw11.clpccd.cc.ca.us>

CHECK PRIORITY REGISTRATION DATE

Priority Registration dates are based on completing their Orientation, Assessment, and Education Plan (Matriculation Core Services). Students who hold an Associate Degree or higher, or are only taking courses for personal enrichment or job skills, are exempt from needing the Matriculation Core Services; however, they are invited to participate to support their success at Chabot College.

Visit the Assessment Center website for more information: www.chabotcollege.edu/counseling/assessment

Student Groups	Completed CORE SERVICES	Incomplete Core Services
CalWORKs, EOPS, DSPS, Foster Youth, Unhoused, Veterans	April 15	April 23
Athletes, CIN, Forensics, FYE, International Students, Movement API, PUENTE, RISE, Student Senate, TRiO, UMOJA	April 17	April 23
Continuing students (by priority)	April 18	April 24
Student Orientation and Registration (SOAR) Day	April 20	April 26
New students	April 22	April 26
Returning (former) students	April 22	April 26
Students on probation	April 26	
Students with 100+ degree units	April 26	
OPEN REGISTRATION FOR ALL STUDENTS Matriculating students must complete the core services on page 12	April 26	
Concurrent Enrollment (high school 10, 11, 12 grade)	May 6	

CONCURRENT ENROLLMENT APPLICATION DUE DATES

Summer 2024 due by May 3, 2024

Late-Start Summer 2024 due by May 28, 2024

Fall 2024 due by July 19, 2024

DROP FOR NON-PAYMENT DUE DATES FOR FALL CLASSES

Students who registered for classes between these dates may be dropped for non-payment:

Registered **April 15 - May 27, 2024**

Payment is due by **June 5, 2024**

Drop for non-payment may be processed on **June 6, 2024**

Registered **May 28 - July 5, 2024**

Payment is due by **July 17, 2024**

Drop for non-payment may be processed on **July 18, 2024**

FINANCIAL AID IS FOR EVERYONE!

No enrollment fees for your first two years (2024-25 and 2025-26)
if you are a first-time full-time student.

Campus-based fees still apply. See page 11 for more information.

Visit the Financial Aid Office to find even more ways to pay for college!



ACADEMIC CALENDAR

SUMMER 2024 SESSIONS

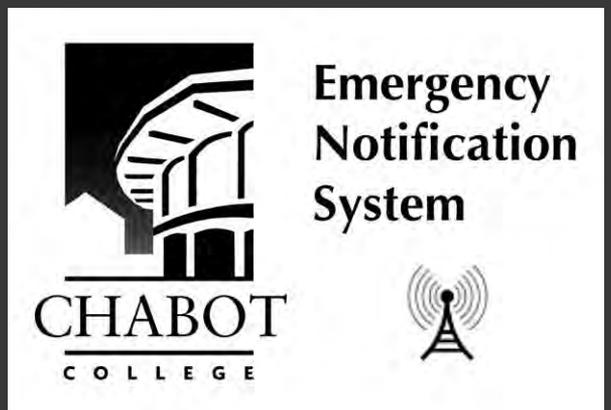
May 28 – June 27	1st 5-week session
June 10 – August 1	8-week session
June 17 – July 25	6-week session
June 19	HOLIDAY – Juneteenth
July 1 – August 1	2nd 5-week session
July 4	HOLIDAY – Independence Day (no instruction)
July 18	Last day to Apply for Degree/Certificate
August 5	Instructors: Summer 2024 Grades Due (by 11:00PM on CLASS-Web)
Week of August 12th	Summer 2024 Grades available via CLASS-Web

FALL 2024 ACADEMIC CALENDAR

August 15	Convocation Day
August 16	College Day
August 19	Classes Start (FULL-TERM CLASSES)
August 24	Saturday Classes Begin
August 31	No Saturday classes
September 2	Last day to ADD/DROP with No-Grade-of-Record (NGR) Online (FULL-TERM classes ONLY)
September 2	HOLIDAY – Labor Day
September 3	Census Day (FULL-TERM classes ONLY)
October 18	Last day to Apply for Degree/Certificate
November 5	Voting Day
November 10	Last day to WITHDRAW with “W” Online (FULL-TERM classes ONLY)
November 11	HOLIDAY – Veterans Day
November 27-30	HOLIDAY – Thanksgiving Recess
December 7	Last day of Instruction for Saturday Classes
December 13	Last day of Instruction (Full-term courses)
December 13	Pass/No Pass Deadline (FULL-TERM classes ONLY)
December 14	Final Exams (Saturday Classes)
December 16-20	Final Examination Period
December 23, 2024 – January 1, 2025	Winter Recess (No Instruction)
January 2, 2025	Instructors: Fall 2024 Grades DUE by 11:00PM via CLASS-Web
Week of January 6th, 2025	Fall 2024 Grades available via CLASS-Web

EMERGENCY NOTIFICATION SYSTEM

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



CONTACT GUIDE

ACADEMIC DIVISIONS

Academic Pathways & Student Success	510.723.7565
Applied Technology & Business	510.723.6653
Arts, Media & Communication	510.723.6829
Counseling	510.723.6716
Language Arts	510.723.6804
Health, Kinesiology, & Athletics	510.723.7484
Science & Mathematics	510.723.6898
Social Sciences	510.723.6670

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

CAMPUS SAFETY AND SECURITY

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

STUDENT SERVICES AND COLLEGE PROGRAMS

Accessibility Center for Education (ACE)	510.723.6725
Building 2400	www.chabotcollege.edu/dsps
Admissions & Records Office	510.723.6700
Building 700, 1st Floor	www.chabotcollege.edu/admissions
Art Gallery	
Building 1100	www.chabotcollege.edu/academics/arts-media-communications
Assessment Center	510.723.6722
Building 700, 1st Floor	www.chabotcollege.edu/counseling/assessment
Bookstore (online)	www.chabotcollege.edu/bookstore
Black Cultural Resource Center	510.723.7615
Building 100	www.chabotcollege.edu/specialprograms/bcrrc
Career & Transfer Center	510.723.6720
Building 700, 2nd Floor	www.chabotcollege.edu/counseling/transfer-center
Chabot TV 27	510.723.7604
Building 100, 1st Floor	www.chabottv.net
Children's Center	510.723.6684
Building 3500	www.chabotcollege.edu/childrenscenter
Counseling	510.723.2642
Building 700, 2nd Floor	www.chabotcollege.edu/counseling
Dental Hygiene Program Clinic	510.723.6900
Building 2200	www.chabotcollege.edu/dhyg
Dream Center	510.936.1151
Building 700, Room 706	www.chabotcollege.edu/dreamers
El Centro	510.723.6714
Building 700 south, 1st Floor	www.chabotcollege.edu/student-services/el-centro
ESL Learning Center	510.723.6920
Building 100, 1st Floor	www.chabotcollege.edu/academics/learning-connection
Extended Opportunity Programs & Services (EOPS)	
Building 700, 2nd Floor	510.723.6909
	www.chabotcollege.edu/specialprograms/eops-care
Financial Aid Office	510.723.6748
Building 700, 1st Floor	www.chabotcollege.edu/finaid

Fresh Market (Food Pantry)

Building 3300
www.chabotcollege.edu/student-services/fresh-pantry

International Student Program **510.723.6715**
Building 700, 1st Floor www.chabotcollege.edu/international

MESA Center **510.723.7265**
Building 2000
www.chabotcollege.edu/academics/science-math/mesa

KCRH Radio **510.723.6954**
Building 100, 1st Floor www.kcrhradio.com

Learning Connection **510.723.6920**
Building 100, 1st Floor
www.chabotcollege.edu/learningconnection

Library **510.723.6764**
Building 600 www.chabotcollege.edu/library

PACE Program **510.723.2626**
Building 400, 1st Floor www.chabotcollege.edu/PACE

Performing Arts Complex **510.723.6976**
Building 1300 www.chabotcollege.edu/PAC

Puente Program **510.723.7120**
Building 700, 2nd Floor www.chabotcollege.edu/puente

Registered Nursing Program **510.723.6896**
Building 2200, 2nd Floor www.chabotcollege.edu/nursing

Special Programs **510.723.6917**
Building 700, 2nd Floor
www.chabotcollege.edu/specialprograms

Spectator Newspaper **510.723.6919**
Building 2300, 2nd Floor www.spectator.news

STEM Center **510.723.7679**
Building 3900, Room 3906 www.chabotcollege.edu/STEM

Student Health Center **510.723.7625**
Building 2300, 2nd Floor www.chabotcollege.edu/healthcenter

Student Life Office **510.723.2685**
Building 2300, 2nd Floor www.chabotcollege.edu/studentlife

TRIO Aspire & Excel **510.723.7547**
Building 700, 2nd Floor
www.chabotcollege.edu/specialprograms/aspire

Umoja Program **510.723.2664**
Building 700, 2nd Floor
www.chabotcollege.edu/specialprograms/umoja

Veterans Resource Center (VRC) **510.723.7582**
Building 2300, 2nd Floor www.chabotcollege.edu/veterans

Vice President, Academic Services **510.723.6627**
Building 200, Room 210 www.chabotcollege.edu/academics

Vice President, Administrative Services **510.723.6994**
Building 200, Room 208
www.chabotcollege.edu/administrative-services

Vice President, Student Services **510.723.6743**
Building 200, Room 204
www.chabotcollege.edu/student-services

Welcome Center **510.723.6770**
Building 700, 1st Floor www.chabotcollege.edu/online-services

Writing & Reading Across the Curriculum (WRAC) **510.723.6920**
Building 600
www.chabotcollege.edu/learningconnection/WRAC

ADMISSION INFORMATION

ADMISSION ELIGIBILITY

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

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

Apply online at www.chabotcollege.edu/welcome24.

STUDENT	APPLICATION PROCESS
New	Apply online.
Returning	Reapply online if you last attended more than two terms ago.
International	Visit the International Student Program's website for additional application procedures. See below.
Concurrent Enrollment	See application instructions on page 7 .
Dental Hygiene	Visit the Dental Hygiene Program website for additional application procedures. www.chabotcollege.edu/dhyg
Nursing	Visit the Nursing Program website for additional application procedures. www.chabotcollege.edu/nursing

AUDITING OF COURSES

Auditing of courses is permitted at Chabot College.

Steps to Audit a Course

1. Apply for Admission

- Apply online at: www.chabotcollege.edu
- Check the email provided on your application 48-72 hours after applying, to receive your Student ID Number (W#) from ccapply@clpccd.cc.ca.us

2. Fees

- A mandatory Student Health fee of \$21.00 for Fall and Spring, \$18 for Summer session will be assessed for all students each semester or session. The fee is used to support health services for enrolled students.
- \$1.00 per course audit fee

3. Chabot College Audit Request Form

- Complete an Audit Request form, available at Chabot College's Admissions & Records office at Bldg. 700, 1st floor.
- Forms online: www.chabotcollege.edu/admissions/forms.php

List of Courses Available to Audit

Summer 2024

- PLGL 36

Fall 2024

- | | | |
|-----------|-----------|-----------|
| • ENGR 10 | • ENGR 25 | • MTH 25 |
| • ENGR 15 | • ENGR 36 | • PHYS 25 |
| • ENGR 22 | • MTH 15 | • PLGL 33 |

For a list of auditable Fall 2024 courses, see [page 98](#).

Important Information About Auditing Courses

- Auditing fees are non-refundable except in the case where an audit is dropped from a course in order to make way for a regularly enrolled student.
- Enrollment priority shall be given to students enrolling in the course for credit toward a degree or certificate.
- Changing enrollment of course(s) from audit to college credit is not permitted.
- No credit will be received for audited courses. Audited courses will not appear on a student's official transcript.
- Audited courses are not eligible for credit by exam, financial aid, veteran's benefits, full-time student status.

INTERNATIONAL STUDENTS

INTERNATIONAL STUDENT PROGRAM

Phone: 510.723.6715

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

Email: intladms@chabotcollege.edu

Website: www.chabotcollege.edu/international



Chabot College welcomes International students! Chabot College is authorized under Federal Law to enroll non-immigrant alien students. The International Student Program supports International students from admission through graduation to ensure that their experience at Chabot College and in the U.S.A. is enjoyable and successful. Chabot College offers

academic and counseling services and priority registration to International students. International students (F-1 and M-1 Visa) seeking admission to Chabot College must submit a completed International Student Application and other required supplemental application documents including a non-refundable \$100 application fee, academic transcripts or certificates, proof of English language proficiency, evidence of financial support, and health examinations. The International Student Application packet with information on the specific language proficiency requirements and alternative forms of English language proficiency accepted and amount of adequate financial support may be found on the International Student Program website at: www.chabotcollege.edu/international.

The completed application may be then mailed, faxed, or scanned to the International Student Program Office. To be considered for admission, students must submit all required materials by the deadline posted on the International Student Program website. Due to the visa application process at U.S. Embassies and Consulates, overseas applicants are strongly encouraged to apply as early as possible. Students currently studying on an F-1 or M-1 visa at another school in the United States may apply to transfer to Chabot College.



INFORMACIÓN DE ADMISIÓN

El sistema de Colegios Comunitarios de California ofrece una amplia variedad de opciones para todos y es por eso que los estudiantes deciden inscribirse en este sistema educativo. Algunas de las razones por las cuales los estudiantes se inscriben en el Colegio Chabot son: Para completar sus primeras 60 unidades y después transferirse a la universidad para continuar con su educación académica; para obtener una carrera corta o técnica o un certificado vocacional; para mejorar sus capacidades de lenguaje y aumentar su empleabilidad mediante el continuo desarrollo y actualización de sus competencias y habilidades de trabajo; o simplemente para aprender algo nuevo.

Es importante que la comunidad Latina continúe inscribiéndose en el Colegio Chabot. Cuando usted complete la solicitud, por favor indique que es "Hispano". Hemos tenido la oportunidad de que la población estudiantil hispana/latina en el Colegio Chabot ha alcanzado el 26%, siendo así la población étnica con mayor asistencia. 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 bilingües necesarios. Para más información, comuníquese con El Centro de Transferencia para su Carrera al 510.736.2110 o www.chabotcollege.edu/student-services/el-centro.

REQUISITOS DE ADMISIÓN

Para ser selecto de admisión el estudiante debe tener al menos 18 años de edad o cumplir con uno de los siguientes requisitos:

- Diploma de escuela preparatoria de los Estados Unidos.
- Certificado en Educación General (GED). • Certificado de dominio de la escuela preparatoria de California. • Si es estudiante de una escuela secundaria debe tener la recomendación de su consejero.
- Los estudiantes quizás tengan que presentar comprobante de domicilio para demostrar que han sido residentes de California por un año.
- Los estudiantes no ciudadanos quizás tengan que presentar documentos específicos para determinar si son sujetos a pagar la matrícula como "no residente" o estudiante internacional.
- Los estudiantes que son miembros de las fuerzas armadas de los Estados Unidos, estacionados en California en servicio activo tendrán el derecho de ser clasificados como residentes por un año.
- Por ley, todos los solicitantes de admisión masculinos que son registrados como estudiantes no graduados son obligados a enlistarse al Servicio Militar de las Fuerzas Armadas de los Estados Unidos.
- Los dependientes de veteranos incapacitados o fallecidos pueden ser elegibles para eliminar el costo de matrícula. Comuníquese con la Oficina de Veteranos al 510.723.7582 o www.chabotcollege.edu/veterans.

EXCEPCIÓN DE LA MATRÍCULA DE NO-RESIDENTE DE CALIFORNIA

Todos los estudiantes (a excepción de los extranjeros que no sean inmigrantes) que cumplan con los siguientes requisitos no tendrán que pagar la matrícula de no-residente en las universidades públicas del estado de California, que incluyen: los Colegios Comunitarios de California, la Universidad de California y la Universidad Estatal de California. Los Requisitos son: • El estudiante debe haber asistido a clases en una Escuela Preparatoria, Escuela de Adultos o a un Colegio Comunitario en el estado de California (pública o privada) por el equivalente a tres años o más donde puede haber aprobado un examen de graduación (por ejemplo, el GED o el examen de California High School Proficiency). • El estudiante tiene que haberse graduado de una High School de California o debe haber completado un título de Associates Degree en un colegio comunitario de California o completó los requisitos mínimos en un colegio comunitario de California para transferirse a la Universidad Estatal de California o La Universidad de California. • Todos los estudiantes que no tengan un estado de inmigración legal deben entregar una declaración por escrito a la universidad en la cual indiquen que ya han entregado una solicitud de petición para arreglar su estado migratorio o, si esto no es posible en la actualidad, que lo van a hacer tan pronto califiquen.



ADMISSION INFORMATION

VETERANS SERVICES

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

Using Your Education Benefit

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

1. Complete the Chabot College online orientation at www.chabotcollege.edu/counseling/orientation.php.
2. Follow Assessment and Placement guidelines at www.chabotcollege.edu/counseling/assessment.
3. Submit all official, sealed college and military transcripts along with a completed Incoming Transcript/AP Test Evaluation form available at www.chabotcollege.edu/admissions/forms.php to Admissions & Records Office.
4. Apply for VA Education Benefits online at www.vets.gov, if you haven't already done so.
5. Submit a copy of your DD-214 and Certificate of Eligibility (COE) to cc-veterans@chabotcollege.edu.
6. Develop an education plan with one of our counselors.
7. Register for classes via CLASS-Web.
8. Submit your completed Enrollment Certification Request form available at www.chabotcollege.edu/veterans/forms.php.
9. View your College Financing Plan in CLASS-Web under the Financial Aid Tab.

Military Priority Registration

Per California SB 272 and SB 361, priority registration is provided to any member or former member of the Armed Forces of the United States who has received an honorable discharge, a general discharge, or another than honorable discharge. Per SB 1456, to receive first priority registration students must complete:

1. English and Math Course Selection on CLASS-Web;
2. Online Orientation on Chabot's website;
3. Student Education Plan (SEP)

NOTE: Dependents of veterans do not qualify for military priority registration.

Priority registration is not an automatic process. You must complete each task above for priority registration and submit a copy of your DD-214 or Statement of In-Service from your Military Personnel Office/Commanding Officer to the VRC or email it to cc-veterans@chabotcollege.edu.

VETERANS RESOURCE CENTER

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



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

CONCURRENT ENROLLMENT PROGRAM

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

TERM	REGISTRATION BEGINS	APPLICATION DUE DATE
Summer	May 6, 2024	May 3, 2024
Late Summer	May 6, 2024	May 28, 2024
Fall	May 6, 2024	July 19, 2024

Eligibility

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

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

Special Admission Procedures

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

1. Students must first apply to Chabot College for the Summer/Fall 2024 semester at www.chabotcollege.edu/admissions/become-student. Once completed, students will receive a confirmation number and a student ID number via email within 24-48 hours.
2. Complete the Recommendation for Concurrent Enrollment form by going to www.chabotcollege.edu/admissions/concurrent
3. Students attending home school should also submit a copy of their R4 Affidavits. (CA Ed Code, section 33190)
4. Submit all required forms by **due date listed above**.
5. Following completion of your form, you will be sent an email notifying you of your Concurrent Enrollment Program admission status. If approved, you will be assigned a registration date to register for classes in CLASS-Web.

Regulations

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

Fees

Enrollment fees are waived for students in the concurrent enrollment program. The Health Services Fee of \$18 for the Summer session and \$21 for the Fall/Spring semester are mandatory. Additionally, non-resident students will be assessed tuition of \$360 per unit.

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

Where to Go for Help

Visit the Student Services website for a list of campus resources you can access to resolve any issue you may experience:
www.chabotcollege.edu/student-services/go-for-help.php

FINANCIAL AID BASICS

How to Find Us

Phone: 510.723.6748
Location: Building 700, 1st Floor, Lobby
Email: cc-finaid@chabotcollege.edu
School Code: 001162

For the most current and accurate Financial Aid information, policies, procedures, dates, and due dates, visit:

www.chabotcollege.edu/finaid



1. It's Free!

Doesn't cost you anything. Visit www.studentaid.gov or dream.csac.ca.gov/landing to start.

2. It's Easy!

The FAFSA application has been simplified by using the IRS Data Retrieval Tool (DRT) for 2022 tax income.

3. It's Fast!

It takes most people just 23 minutes to complete.

4. More people qualify
for student aid than you think.

For more information, visit:
www.icanaffordcollege.com and
www.cash4college.csac.ca.gov

What is Financial Aid?

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

How to Apply for Financial Aid?

Each year, beginning October 1st, each student completes the Free Application for Federal Student Aid (FAFSA) or CA Dream Act Application online. The FAFSA is submitted electronically to the US Department of Education, and the CA Dream Act Application is submitted to the California Student Aid Commission, not to the Financial Aid Office (FAO). Use **Chabot's school code of 001162** so that Chabot will receive the results electronically from the federal or state processor. Students and parents use tax and income information from two years prior. (2022 for 2024-25 application)

Students (and parents) are expected to use the IRS Data Retrieval Tool to securely and accurately transfer IRS tax information to the FAFSA. Using the IRS Data Retrieval Tool increases the accuracy of financial aid awards and reduces the amount of documents required during verification with the Financial Aid Office. See [page 10](#) for important announcements.

Applying early and accurately helps us process your file faster. If you miss the priority date of May 2 for Summer-Fall 2024, you can submit an application at a later date. However, your eligibility for aid may not be determined in time for initial semester disbursements, and you will be responsible for purchasing your own books and materials. We must receive your application before the last date of enrollment in a semester, or by due dates posted on our website.

I've Applied—Now What?

Once Chabot receives application, student visits CLASS-Web to obtain required follow up forms through provided links.

- Students selected must either verify using the IRS Data Retrieval option from the FAFSA, or submit IRS Tax Transcripts for self/ spouse and/or parents.
- You must provide a photo ID each time you visit our office in person or online.
- The FAO will not make copies of tax transcripts or other documents. Please bring copies (not your originals) to our office when responding to requests for documents.
- Be prepared for 3-5 weeks for processing during our peak time (typically May-September, December-January).
- Students who complete the verification process earliest each year will be considered for limited FWS and SEOG funds.
- Priority date to submit verification for first Fall disbursement (and last Summer disbursement) is July 1 each year. Documents submitted after July 1 will be processed by date received and eligible students may not receive a disbursement until later in the semester; student will need to make alternate arrangements to purchase books and complete the semester successfully.
- Students may be required to provide official (unopened) academic transcripts from every college attended prior to Chabot.
- Please review processing details linked on website.

Once you have submitted all requested documents, your file will be reviewed and awarded as appropriate in the order paperwork is received (allow 3-5 weeks), and additional information or documentation may be requested. Disbursement of financial aid will occur only when student's financial aid file is complete, both financial and academic eligibility has been determined, student is admitted to Chabot and enrolled in eligible program of study, and class has begun. We encourage students to submit requested documents as soon as possible so they can receive their financial aid award during first disbursements each semester.

GET OUT OF LINE, GO ONLINE

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

Use your W Number and PIN to access CLASS-Web. If you do not plan to attend Chabot during this academic year, please contact us in writing to cancel your financial aid application and further communication from our office.

Fraud and Abuse

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

If it is determined that student has attempted to 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. The student will be referred for disciplinary action and to the U.S. Department of Education, Office of Inspector General Investigation Services for possible prosecution for fraud.

FINANCIAL AID

Student Eligibility for Financial Aid

To be considered eligible for federal and most state aid programs, a student must meet basic criteria (**See CA Dream Act if Undocumented**):

- Must have a high school diploma or GED certificate.
- Declare a major – Be admitted and enrolled as a regular student in an eligible certificate, associate degree or transfer program at Chabot. If admitted to LPC, you will not be funded by Chabot, regardless of number of classes enrolled here.
- Transfer students should select major code 4946 – Liberal Arts and Sciences Transfer if no other major applies.
- 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.
- Establish academic eligibility by making Satisfactory Academic Progress (SAP) according to financial aid policy, to include review of prior academic transcripts received by the college.

Your financial need is based on the FAFSA and verification documents you submit. The FAO verifies the accuracy of your application, and determines the type and amount of aid for which you qualify. The FAO will send you an email upon awarding or when awards change, referring you to CLASS-web, which will show you types and amounts of aid you are eligible to receive. See “Important Things to Know” for details, and about disbursements.

Repayment of Funds

Federal law requires students repay a portion of the federal funds received if they withdraw or stop attending 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 from your instructors of the last date of attendance for each class, you may have to repay all grant aid received during that semester. A hold will be placed on all academic and financial aid services until repayment is made.

California Dream Act

Out-of-state and undocumented students may pay CA resident tuition rates if they qualify under AB540, and may be eligible to apply for the CA College Promise Grant (Fee Waiver), entitlement Cal Grants, Chafee and other forms of CA state aid.

Citizenship Status	Complete THIS Application
US Citizen - Born in U.S. or Naturalized Citizen (Birth Certificate, U.S. Passport, Naturalization Certificate)	FAFSA
Permanent Resident (Resident Alien card)	FAFSA (Do NOT do CADAA)
Undocumented AB540 (no permanent Social Security Number, or has SS card with “valid for work only,” “not valid for employment”) – must petition A&R for AB540 classification, even if DACA status would allow for CA residency.	CA Dream App

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

FINANCIAL AID APPLICATION ASSISTANCE

If you or someone you know is considering enrolling in classes, now is the time to complete the FAFSA or CADAA financial aid applications.

Find information and hours for in-person and online support at www.chabotcollege.edu/finaid/application-assistance.php.

- **Financial Aid Office**, Building 700
- **Welcome Center**, Building 700, Room 709
- **STEM Center**, Building 3900, Room 3906
- **El Centro**, Building 700 South
- **Online** financial aid assistance on Zoom

FINANCIAL AID REFUNDS VIA BANKMOBILE

Selecting Your Refund Preference

Chabot College has partnered with BankMobile to deliver your financialaidrefund. FormoreinformationaboutBankMobile,visitthis link: <https://bankmobiledisbursements.com/refundchoices>

A Refund Selection Kit is mailed to each new student who submits a FAFSA to Chabot, via U.S. mail to the primary address on file with the college. You will also receive an email from BankMobile containing your Personal Code. Please be sure that Admissions and Records has your most current mailing address on file. The Refund Selection Kit will be in a bright green envelope with instructions on how to select your refund preference.

Refund Choices

NEW STUDENTS

Your refund choices include:

Deposit to an existing account – Money is transferred to an existing account the same business day BankMobile receives funds from your school. Typically, it takes 1-2 business days for the receiving bank to credit the money to your account.

Deposit to a BankMobile Vibe Checking Account – If you open a BankMobile Vibe Checking Account (upon identity verification), money is deposited the same business day BankMobile receives funds from your school.

RETURNING STUDENTS

If you have already selected your refund preference and are a continuing student, please ensure that you will receive your refunds on time by completing the FAFSA early, monitoring your ZoneMail and CLASS-web, and following up early with documents to complete your file.

Verifying Customer ID Program (CIP) and Password/Pin Retrieval

There is a **dedicated (red) phone line and computer** in the Welcome Center for **BankMobile customer assistance**. If BankMobile sends you a notification about certifying your CIP, follow the instructions in the email they sent you. You can send a copy of your ID or other document/s requested from you by taking a picture or by scanning it. You can then upload it directly to the BankMobile site by logging in to your account.

Password/PIN Retrieval

BankMobile has made the retrieval of your forgotten website account password and PIN much simpler. Go to bankmobile.custhelp.com/app/answers/detail/a_id/2752 and first make sure that you “reset password” if you are unable to log in. Check the email you used to select your BankMobile Refund preference and click on the hyperlink the system generates. The link they generate will allow you to automatically create a new password. For your card PIN Retrieval, upon signing into your BankMobile Account, go to “profile” and select “password/pin” to reset your pin. You will be asked to provide card information and other verifying information.

FINANCIAL AID



IMPORTANT THINGS TO KNOW

- Use Earlier Income Information:** Students and parents will report income information from an earlier tax year. For the 2023-24 FAFSA/ CA Dream App, students, spouse and/or parents report their 2021 income information. Use 2022 income tax info to complete your 2024-25 FAFSA or CA Dream App.
- Are you, or were you, a **Foster Youth**? Have you applied for consideration of the **Chafee Grant**, for up to **\$5,000 per year**? Check in with the Financial Aid Office. And do you know about the **Guardian Scholars Program** on campus? See Special Programs for more info.
- You may not have to submit any documentation if you were not selected for verification. Students are encouraged to read and review the Financial Aid Terms and Conditions on CLASS-Web.
- Students receive all email notifications via their **ZoneMail** email address, directing to check CLASS-Web for missing information, required verification documents, awards and adjustments to awards, and academic ineligibility. The Financial Aid Office will only respond to school issued ZoneMail regarding Financial Aid.
- SAP (Satisfactory Academic Progress)** - Academic eligibility is based on the student's academic performance: cumulative minimum 2.0 grade point average and 67% completion rate, and up to 150% of your program length in attempted hours, which may include units from prior colleges.
- Pell Lifetime Eligibility Used (LEU)** Federal regulations limit students to a lifetime maximum Pell Grant of 12 semesters / six years or full time equivalent (600%) at any community college, vocational school or four year/bachelor program. Once you reach the 600% Pell LEU, you will be ineligible for any additional Pell Grants. Log into NSLDS using your FAFSA ID and view your LEU, on the Financial Aid Review page.
- What this means for you:** You must plan now for your future, especially if you plan to transfer to a four year college for a Bachelor's degree. The six year limit is a lifetime limit, regardless of completion of your academic goals or Bachelor's degree. This regulation is in effect even if you have had an appeal approved after failure to meet academic progress, it supersedes any prior offer of aid/award, and the Department of Education allows for no appeal or exception. If you do not wish to receive any additional Pell Grant at Chabot, complete the Lifetime Pell Eligibility Acknowledgement form, found online at www.chabotcollege.edu/finaid.
- Loss of Fee Waiver** - Community colleges are required to place students on college academic probation who, after attempting at least 12 semester units, either have a grade point average below 2.0 or receive a "Withdrawal," "Incomplete," or "No Pass" grade on 50 percent or more of total attempted units. Students placed on probation for two consecutive semesters lose their priority registration status and their fee waiver. Those students who lose their fee waiver can regain eligibility when they are no longer on probation.
- Part Time Enrollment / Disbursements** - Student aid awards are displayed assuming full time enrollment. A student may be eligible for aid if enrolled part time, and disbursements are prorated for actual enrollment. A student must be enrolled at least half-time to be considered for student loans, FWS, SEOG, and Cal Grant.
- Second Disbursement** - Enrollment will be frozen at the time of the 2nd major disbursement each semester, and 2nd disbursement amounts will be adjusted for changes in enrollment. Per federal regulation, no additional disbursement will occur for units registered for after this date.
- Late Start Classes** - Disbursement for late start classes will occur the next scheduled disbursement following the start of class. A student must be registered for those units prior to the scheduled 2nd disbursement.
- Loans** - Loans are not automatically included in the packaging process, and applications are available only upon request at the Financial Aid Office. The lender for the Direct Loan Program is the Department of Education, and loans are limited based on multiple academic criteria and accumulated loan debt. Required loan counseling and master promissory notes are completed by the student online.

For information and links to Dream App and Dream Team, visit:
www.chabotcollege.edu/finaid/steps.php or
www.chabotcollege.edu/dreamers

DREAM BIG



Chabot College Promise **FREE COLLEGE TUITION** **FOR FIRST-TIME FULL-TIME STUDENTS**

No Enrollment Fees for the First Two Years (2024-25 and 2025-26)

Requirements for Fall 2024 Consideration

- ★ The office must receive your FAFSA or Dream Act Application by the **August 1, 2024** priority date.
- ★ Must enroll in and maintain **12 or more units each Fall and Spring semesters**
- ★ Must not have attended any other institution of higher education.
- ★ Must be a California resident or AB 540 student.
- ★ There is no income requirement.
- ★ There is no minimum high school GPA requirement.

How Does It Work?

- ★ Apply to Chabot College at www.chabotcollege.edu/admissions/apply.php
- ★ Meet all Chabot College Promise Program requirements
- ★ Incoming students completing the previous steps will automatically be considered for the Chabot Promise, and will receive either:
 1. The California College Promise Grant (based on income eligibility); OR,
 2. Chabot College Promise Program will pay for their enrollment fees/tuition (not campus based fees for health, activities, or parking).

What Does it Cover?

The Chabot College Promise will cover the \$46 per unit enrollment/tuition fee at Chabot College only. Students are responsible for any books, supplies and materials fees that a class requires, as well as other non-tuition fees. See our cost of attendance (www.chabotcollege.edu/admissions/cost-payment).

Students may also receive additional financial aid by applying through the FAFSA or CA Dream Act Application, and submitting required documents posted in students' CLASS-Web under the Student Services/Financial Aid menu or via Zonemail.

Chabot Promise students will also receive priority consideration for our large variety of Special Programs and Services.

CAL GRANT: FREE CASH FOR COLLEGE

Community college students should apply for Cal Grants through the FAFSA or CA Dream Act Application (CADAA) by the priority due date of **May 2, 2024** or no later than **September 3, 2024**.

You may receive up to:

- **\$6000 in Cal Grant A access amount for a verified Student with Dependents ***
(Regular Cal Grant A is not available for California Community College students because it is specifically for tuition only and we do not charge tuition for CA residents)
- **\$1648 in Cal Grant B or \$6000 for a verified Student with Dependents ***
- **\$1094 in Cal Grant C or \$4000 for a verified Student with Dependents ***

* Students must certify in their Webgrants for Students account that they provide financial support more than 50% for a qualified dependent under the age of 18. Check your account at mygrantinfo.csac.ca.gov for your award information.

Cal Grant for full-time students:

The Student Success Completion Grant (SSCG) is designed to encourage California Community College students to complete their degree or certificate on time. If you are receiving a Cal Grant B or C and:

- If you attend at least 12 units required to complete your declared program of study in Fall/Spring semester & meet all other eligibility requirements, you could receive \$2,596 per year in SSCG.
- If you are enrolled in 15 or more units required to complete your declared program of study and meet all other eligibility requirements, you could receive an additional \$5,404 per year with the SSCG, for a total of \$4,000 for the semester or \$8,000 for the year.
- If you are a current or former Foster Youth and enrolled in 12 or more units required to complete your declared program of study in Fall/Spring semester & meet all other eligibility requirements, you could receive \$10,500 per year with the SSCG.

The Counseling Division advises students on taking the courses needed to complete declared major.

Free cash
for college

Cal Grant
Where will it take you?

NEW STUDENT SUPPORT

MATRICULATION SERVICES UNDER THE STUDENT EQUITY AND ACHIEVEMENT (SEA) PROGRAM

Get a Strong Start at Chabot College!

“Matriculation” means a process that brings a college and a student into an agreement for the purpose of achieving the student’s educational goals and completing the student’s course of study. The agreement involves the responsibilities of both parties to attain those objectives through the college’s established programs, policies, and requirements. Matriculation Services include implementation of orientation, counseling, referrals to student support services, and a Student Educational Plan (SEP) to assist a student in making informed decisions about their educational goal.

Priority Registration will still be established by completing the following core services:

1. New Student Orientation

Matriculation Services offer an online orientation to help with the transition to Chabot College for all students. The online orientation introduces students to the school’s programs, services, academic regulations, expectation, campus facilities, and student life.

To complete the online orientation, please visit www.chabotcollege.edu/counseling/orientation.php.

2. English and Math Assessment

Register for Math and English Classes

See [page 19](#) for more info. Contact the Assessment Center for assistance: www.chabotcollege.edu/counseling/assessment

English as a Second Language

Chabot offers credit and noncredit ESL classes in Reading, Writing and Grammar as well as listening and speaking skills. We have 5 levels (High Beginning, Low Intermediate, Intermediate, High Intermediate and Advanced). Students needing first-level, low beginner ESL courses may find those classes at their local adult school. If you want to start in the first level, high beginning, you can skip the placement test and register for classes (ESL 210, 220 and 230) or go to class and get help from the teacher. For all other levels, you need to make an ESL placement appointment online on zoom or in person. At the appointment, you will take a placement test, learn more about the class levels, and decide on the best classes for you.

Schedule your online or on-campus ESL assessment at: www.chabotcollege.edu/counseling/assessment/placement-esl-students.php

3. Student Educational Plan (SEP)

New, first time incoming college students should attend a First Semester Planning (FSP) session to create an abbreviated, one-semester SEP. The SEP is a plan of the classes you will take during your first semester that will start you on the right path toward your educational goal. Visit www.chabotcollege.edu/counseling/fsp to schedule your session.

For more information on Priority Registration, please visit www.chabotcollege.edu/admissions/become-student/first-time-student.php

ADDITIONAL WAYS TO SUPPORT YOUR STUDENT SUCCESS

Psychology-Counseling classes (PSCN) apply counseling theory and practices to the realities of academic success, career-life planning, and being a productive member of a diverse community to support your academic success in your first year!

If pursuing Human Services AS degrees and certificates or Psychology, Sociology or Social Work as possible majors, consider taking: **PSCN 1, 2, 5, 13, and 95/96**. PSCN classes are (1) taught by counseling faculty, (2) AA/AS degree-applicable and CSU transferable, and (3) designed to help you succeed.

Psychology-Counseling Course Offerings

CLASS	DESCRIPTION
PSCN 2 3 units	Introduction to Case Management for Human Services Intro to case management theory, models and techniques. Multicultural issues affecting case management theory. Emphasis is placed on case management philosophy, ethical issues, concepts and practices
PSCN 4 3 units	Multiethnic/Cultural Communication: Exploration of intercultural and interethnic communication behavior of individuals in relationships and/or groups, personal identity formation in the American context, and historical development of culturally influenced communication styles.
PSCN 5 3 units	Intro to Social Work and Human Services: Introduces students to the human services field. Includes history, ethics, values, and principles of human and social services.
PSCN 10 2 units	Career & Educational Planning: Explore career development by looking at your interests, values, needs and skills. Designed to assist in making decisions about your career and educational plans.
PSCN 11 2 units	Interpersonal Relationships: Exploration of behavior in interactions with others. Improving interpersonal relationships to benefit academic, career, and personal development.
PSCN 13 3 units	Multicultural Issues in Contemporary America: Focus on improving understanding of other cultures and how those cultures impact American lifestyle.
PSCN 15 2 units	College Study Skills: Review study skill techniques to improve success in college and earn better grades.
PSCN 18 1 unit	University/Transfer Planning: Resources and planning process needed to ease transition from community college to a four-year college or university.
PSCN 30 3 units	Life Transitions: Enhance knowledge, skills and abilities to effectively navigate the transitions encountered throughout life, such as graduating from high school, starting a job, becoming a parent, changing careers, or entering or loss of a relationship.
PSCN 95 3 units	Social Work and Human Services Fieldwork: This work-based learning course offers students a supervised field experience within human services/ social work.
PSCN 96 3 units	Social Work and Human Services Seminar: Provides the student who is participating in a supervised field experience with a weekly class meeting that provides the academic element to the experiential course offering.

PSCN Degrees and Certificates

Learn more about PSCN degrees and certificates at: www.chabotcollege.edu/counseling/pscn-courses.php

STEPS TO GETTING STARTED



Apply For Admission



Apply For Financial Aid



Complete Assessment



Complete An Online Orientation



Complete Your Student Education Plan



Register For Classes and Pay Fees



www.chabotcollege.edu/admissions/apply.php

REGISTRATION PROCEDURES

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 meets any applicable course prerequisites.

ADDING CLASSES

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

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

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

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



Admissions & Records Office

Phone: 510.723.6700

Location: Building 700, 1st Floor, Lobby

Email: ccarcom@chabotcollege.edu

Website: www.chabotcollege.edu/admissions

DROPPING CLASSES

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

Students who drop before the drop with No Grade of Record (NGR) due date will not have a grade appear on their transcript.

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

CLASS WITHDRAWAL

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

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

COMMON REGISTRATION ERROR MESSAGES

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

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

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

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

FEES AND REFUNDS

FEE	AMOUNT	DESCRIPTION
Enrollment	\$46 per unit	The enrollment fee for all students, except those exempt by law, is \$46 per unit.
Non-Resident Tuition	\$360 per unit	Non-residents of California are required to pay a tuition fee of \$360 per unit in addition to the enrollment fee and campus-based fees.
International Student Tuition	\$360 per unit	The tuition fee for international students, nonimmigrant aliens or students on other types of visas is \$360 per unit in addition to the enrollment fee and campus-based fees.
Health Services	\$21 per semester	The Associated Student Body adopted a mandatory health service fee of \$21 (Fall and Spring) and \$18 (Summer) assessed to students to support health services for enrolled students.
Student Representation Fee	\$2 per semester	Students are charged \$2 per semester to support student advocacy activities at the state-wide level. To opt-out of this fee, student must complete the opt-out form by logging on to CLASS-Web and submitting it by 7/3/24 (summer) and 9/2/24 (fall).
Associated Students Activity	\$10 per semester	An optional fee of \$10 will be assessed each semester. This fee is used to fund special events, activities, student organizations, and services. The Student Activity Fee also supports student government through the Student Senate of Chabot College and the Inter Club Council in their advocacy for and serving as the voice of Chabot students in working with campus and local government. To opt-out of this fee, student must complete the opt-out form by logging on to CLASS-Web and submitting the form by 7/3/24 (summer) and 9/2/24 (fall).
Parking	\$3 daily \$45 semester	Parking at Chabot College is by permit only. Daily and semester permits are available. (See next page for more details.)

Note: Fees are subject to change without notice.

FALL SEMESTER DROP FOR NON-PAYMENT DUE DATE

Payment is due by **June 5** for students who register for classes from **April 15 - May 27**. Drop for non-payment processed **June 6**.

Payment is due by **July 17** for students who register for classes from **May 28 - July 5**. Drop for non-payment processed **July 18**.

IMPORTANT: Students that register during these periods may be dropped from their classes if payment is not received by the due date.

STUDENT FEE PAYMENT POLICY

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

After Registering for Classes

The College does not issue billing statements after registration. It is up to the student to view their balance on CLASS-Web and pay any fees due. Note: Your enrollment is conditional until fees have been paid in full.

Returned Check Policy

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

Collection Policy

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

Fee Payment Methods

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

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

Do not send cash by mail.

CALIFORNIA NON-RESIDENT TUITION EXEMPTION REQUEST (AB 540)

AB 540/2000/SB 68/SB 1141: Students who have A) attended a combination of California high school, middle/elementary school, California adult school, or California community college for the equivalent of three years or more, AND B) have graduated from a California high school or equivalent (such as a GED), have

an associate degree from a CA community college, or have met minimum CSU or UC transfer requirements may be eligible to have their non-resident tuition waived by completing the AB 540 affidavit and submitting supporting transcripts/documents. For full eligibility criteria, visit our AB 540 page www.chabotcollege.edu/student-services/dreamers/ab540.php or contact the Dream Center www.chabotcollege.edu/student-services/dreamers.

Additional information about AB 540:

www.chabotcollege.edu/admissions/docs/AB540IntersegAffidavit.pdf

Enrollment Refund Policy

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

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

Applying for Your Refund

To apply for an enrollment fee refund, submit an *Application for Refund of Fees* form to the Admissions & Records Office. This form is available online at: www.chabotcollege.edu/admissions/cost-payment/refund.php or from the Admissions & Records Office (ccarcom@chabotcollege.edu)

ENROLLMENT FEE REFUND POLICY

- No refunds will be given for classes dropped after the last day to drop with No Grade of Record (NGR).
- A \$10 processing fee will be subtracted from each enrollment fee refund. (Note: No processing fee will be charged if classes were canceled by the college.)
- Health Services, Associated Students Activity, and Student Representation Fees are not refundable.
- Refund checks from the Chabot-Las Positas Community College District Business Office will be sent by mail approximately 10 to 14 days after the request is submitted.
- Non-resident and International tuition refunds will be given as follows:
 - » Prior to the first day of instruction = 90%
 - » During the first week of instruction = 75%
 - » After NGR period for a session = No Refund

PARKING AND PAYMENT PLAN

STUDENT PARKING PERMITS

Chabot College parking is by permit only. Student semester parking permits are available online through CLASS-Web after registering for classes. **You must have a valid electronic semester parking permit** for your vehicle to park on campus. Get an electronic permit at: www.tocite.net/chabotcollege/portal. If you do not have a valid electronic parking permit, **daily permits are available for \$3** from dispensers located in all student parking lots.

1. Gather Required Information

Have the following information with you before ordering your permit:

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

2. Order and Purchase Your Permit

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

TYPE	FALL/SPRING FEE	SUMMER FEE
Motor Vehicle	\$45	\$20
Motorcycle	\$20	\$10
Motor Vehicle for CA College Promise Grant Recipient	\$30	\$20

PARKING PERMIT ASSISTANCE:

Phone: 510.723.6923

Email: parkingpermits-chabot@chabotcollege.edu

Leave a message stating your

1. Parking permit issue,
2. Contact number and email address
3. Student ID number.

EV CHARGING COSTS

- \$0.35 per kilowatt-hour while charging a vehicle
- \$3.00 per hour charge for vehicles left at a charging station after charging is complete



DISABLED PARKING

The California Education Code, Section 67301, allows for Community Colleges to charge parking fees for use of the parking lot and specifically provides that student with disabilities and persons providing transportation to students with disabilities shall be required to purchase 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 a valid electronic parking permit when parking in any campus parking lot.

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) and have purchased a valid parking permit, as defined in CLPCCD Board Policy 2314.



AUTOMATIC PAYMENT PLAN

An easier way to pay for college.

To help you meet your educational expenses, Chabot College is proud to offer NELNET as a convenient budget plan. This is not a loan program. There are no interest or finance charges assessed and there is no credit check. The cost to budget your interest-free monthly payment plan is a \$25 per semester nonrefundable NELNET Subscriber's Fee.

Advantages

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

Cost to Participate

- \$25 subscriber fee per semester
- \$30 returned payment fee if a payment is returned

Payment Methods

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

SIMPLE STEPS TO ENROLL

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

Questions?

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

STAY CONNECTED



Access your ZoneMail

Check your ZoneMail often for important information, such as registration dates, financial aid status, and Commencement. You can also forward your ZoneMail to your personal email. Instructions to set up your ZoneMail or email forwarding can be found at

bw11.clpccd.cc.ca.us:700/webhelp/ZoneHelp2011.pdf

Sign up for Emergency Alerts

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

www.chabotcollege.edu/safety

Subscribe to Social Media



@chabot college



@chabot_college



@ChabotCollege



@chabot_college

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

1 Access Your Student Zonemail

All admitted students are given a student email account called Zonemail. All messages from the college are sent to this account. To access your Zonemail account:

- Go to www.chabotcollege.edu.
- Click on the “Academics & Student Support” tab
- Click on the *Zonemail* link under “Online Systems”
- Log in to CLASS-Web and click *What is my email address?* link in the main menu.
- Follow the instructions on this page.



2 Pay Your Fees

Be sure to pay your fees (or sign up for a payment plan) by the posted due date. See [page 15](#) and [page 16](#) for more detail.

3 Buy Your Parking Permit

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

4 Get Your Student ID Card

PHOTO IDs are available in-person and online. To receive one in-person, visit the Welcome Center. Please check the website for Hours of Operation. If you are unable to come in-person to get a PHOTO ID, please follow the steps below for receiving a PHOTO ID via online.

www.chabotcollege.edu/student-services/online-services

To obtain a Photo ID in-person, please bring:

- PHOTO ID (Driver’s License, State-Issued ID; Permanent Resident Card, High School ID or US Passport)
- Copy of Summer or Fall 2024 class schedule (available on CLASS-Web)

To obtain a Photo ID via online, please send an e-mail to kmetcalf@chabotcollege.edu the following documents:

- Copy of PHOTO ID (Driver’s License, State-Issued ID; Permanent Resident Card, High School ID or US Passport)
- Copy of Summer or Fall 2024 class schedule (available on CLASS-Web)
- A jpeg image (to be used on the PHOTO ID)
- Student ID number (W#)
- Student current mailing address (to expedite the mailing process)

PHOTO IDs will be sent via US mail. Please allow for 7-10 days to receive the PHOTO ID via US mail.

5 Buy Your Books

Visit www.chabotcollege.edu/bookstore to purchase your textbooks.

STUDENT CONDUCT AND DUE PROCESS POLICY

The Chabot-Las Positas Community College District encourages all students to pursue academic studies and other college-sponsored activities. In pursuit of these goals, the student should be free of unfair or improper action from any member of the academic community. The District accords every student this right or protection. Students, however, are responsible for complying with college and district regulations and for meeting the appropriate college requirements. The Colleges have an obligation to maintain conditions under which the work of the colleges can go forward freely, in accordance with the highest standards of quality, institutional integrity and freedom of expression. In joining the academic community, the student enjoys the right of freedom to learn and shares responsibility in exercising that freedom. A student is expected to conduct himself or herself in accordance with standards of student conduct for the college. For more information, refer to [page 99](#) for Standards of Student Conduct.

COUNSELING SERVICES FOR REGISTRATION

PREREQUISITES

A prerequisite is defined as skills considered necessary for success in a course, which is usually demonstrated by completing one or more college courses. For instance, English 1 must be taken before English 4A; English 1, in this case, is the prerequisite for English 4A.

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

Course Prerequisite Policy

Prerequisites are required prior to enrolling in some courses, and may be found within individual course descriptions in this class schedule and in the current Chabot College Catalog. Prerequisites include:

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

Prerequisite Override (Clearance) Process

Official transcripts are not automatically evaluated upon receipt by the Admissions & Records Office. If a student completed an equivalent course required as prerequisite for a Chabot course at another institution, they must submit a Prerequisite Override Request to Counseling Services at: www.chabotcollege.edu/counseling/prerequisite-clearance.php.

Prerequisite Override Requests

For students whose official transcripts are not on file with Chabot Admissions and Records, counselors are able to clear prerequisites with unofficial transcripts showing completion of the prerequisite course with a grade of C or higher.

Prerequisite Override Requests by Email

From your Chabot Zonemail account (no requests will be accepted from personal email accounts), email your request to cc-counselingforms@chabotcollege.edu.

Please include all of the following:

1. Email subject line: Prerequisite Override
2. Body of the e-mail: First and last name; Chabot College student ID number (W number); your phone number; course(s) name & number you wish to add/enroll in (ex. Math 2)
3. Please either: a) state that official transcripts have been sent to Chabot Admissions & Records, OR b) scan/attach unofficial transcripts to the email request showing prerequisites completed for each applicable course. Unofficial transcripts must show your name and the college's name.

Prerequisite overrides by email may take up to 10 days to be processed.

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

Repeating a Course

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

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

Students attempting to enroll in the same course for a fourth time will be blocked from registration. If you wish to petition to repeat a course for a fourth time, please complete the Petition to Repeat a Course form, which you can find online at: www.chabotcollege.edu/counseling/forms.php or from a counselor.

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

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

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

ACADEMIC AND PROGRESS PROBATION

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

COUNSELING DIVISION

Phone: 510.723.2642
Location: Building 700, 2nd Floor, Room 752
Email: cc-counseling@chabotcollege.edu
Website: www.chabotcollege.edu/counseling

ENGLISH & MATH COURSE SELECTION

REGISTER FOR MATH AND ENGLISH CLASSES

Per the passage of Assembly Bill 705 by the California State Legislature, all students have the right to register for transfer-level English and math classes and are encouraged to do so in their first semester of college.

To get started, log-on to your Class-Web account. Under the Student Services tab select: "English Course Selection" and "Math Course Selection."

See below or get assistance in the assessment center: www.chabotcollege.edu/counseling/assessment

The screenshot shows the CLASS-Web interface for Chabot-Las Positas Community College District. A blue box at the top right contains the instructions: "1. Log into CLASS-Web" and "2. Go to the Student Services tab". A blue arrow points from this box to the "Student Services" tab in the navigation menu. Below the navigation menu, a search bar is visible. The main content area is titled "Student Services" and contains a notice about a vaccine mandate. A blue box at the bottom right contains the instruction: "3. Unlock first-level transfer courses in English and Math. After completing the Math Course Selection, if you wish to enroll in pre-transfer level math courses, you must first complete the Pre-Transfer Math Courses Petition located right below the Math Course Selection." A blue arrow points from this box to a red circle around the "Math Course Selection" link in the "Chabot College" menu.

ENGLISH AS A SECOND LANGUAGE CLASSES

If you are an English learner and would like to enroll into our English as a Second Language (ESL) Program, please schedule your ESL assessment appointment at: www.chabotcollege.edu/counseling/assessment/placement-esl-students.php

FIRST SEMESTER PLANNING SESSIONS

www.chabotcollege.edu/counseling/fsp

All new, first time in college students should attend a First Semester Planning Session (FSPS).

First Semester Planning Sessions are group counseling sessions where you will meet with a counselor to select classes for your first semester. These sessions are currently being held virtually over Zoom AND in-person. See "Tips for Scheduling your First Semester Planning Session" below.

Learning Community students:

If you are joining a Learning Community (Movement, Umoja, Puente, or Change It Now!), please reach out directly to your Learning Community counselor to complete this step (do not attend a First Semester Planning Session). www.chabotcollege.edu/specialprograms

Attended college before?

If you have taken classes at another college, or are a continuing/returning Chabot student do not attend a first semester planning session. Instead, contact the General Counseling department in person or phone: www.chabotcollege.edu/counseling/index.php#contact

Tips for Scheduling your First Semester Planning Session

When scheduling your session to get your first semester education plan, you will have the option to select a general session for all majors, or select a pathway specific session (if offered for your specific pathway). When possible, please select the pathway session that corresponds with your major. If you are a STEM (Science, Technology, Engineering or Mathematics, including Computer Science) student, please attend a STEM session.

ENGLISH 1

4 units • Transferable • Letter Grade Only • Required for AAT/AA/AS Degrees

English 1 is a transferable, college-level English course. Students develop advanced reading, writing, and critical thinking skills. Transfer to most 4-year colleges/universities also requires a second English class (Engl 4A or 7A).

Course and Student Expectations

- Expect to spend time in and out of class:
- Reading and analyzing full-length books
- Synthesizing ideas from multiple sources as you write an essay
- Conducting research, with the support of the instructor

Students who choose English 1

- Have solid experience reading books and writing academic essays (from high school or college classes)
- Have effective strategies for annotating a text and separating out main points from details
- Are aware of how to quote and cite texts
- Are comfortable reading 50-75 pages per week or feel ready for the challenge
- Are comfortable writing essays of 1500 words (5-7 pages, double-spaced) or feel ready for the challenge

English 1 is open to all students in their very first semester

For students who want to work toward personal goals as readers and writers and/ or who want to feel more prepared when taking English 1, they may enroll in English 1 with a noncredit support class, English 215. English 215 is **TUITION FREE**.

Some students can also take one of these college-preparatory classes before taking English 1:

ENGLISH 201A/201B

Non-Credit • Non-Transferable
TUITION FREE • Pass/No Pass
Not Required for AAT/AA/AS Degrees

Students who choose English 201A/B

- Prefer learning step by step at a slower pace
- Had limited experience with academic reading and essay writing in high school
- Want a short-term course (each 9 weeks)
- Prefer a course that builds English vocabulary and comprehension.

ENGLISH 202

Non-Credit • Non-Transferable
TUITION FREE • Pass/No Pass
Not Required for AAT/AA/AS Degrees

Students who choose English 202

- Are motivated to advance quickly
- Want to refresh academic reading and writing skills typically taught in high school
- Want in-class, hands on practice with citing sources, reading for main points, and writing longer papers

ENGLISH 210

Non-Credit • Non-Transferable
TUITION FREE • Pass/No Pass
Not Required for AAT/AA/AS Degrees

Students who choose English 210

- Want a short-term English Jam to prepare for transfer-level English 1
- Want to refresh academic reading and writing skills typically taught in high school
- Can be taken in the summer or in one-semester with a short-term English 1

HOW SHOULD I TAKE MY ENGLISH CLASS?

Choose which type of class might be best for you to succeed!

In-person (Face-to-Face)

All of our in-person English classes are scheduled to meet on the Chabot campus 1 or 2 times per week. We offer in-person classes from 7 a.m. - 10 p.m., Monday - Saturday.

Students who take in-person classes

- Like being in a classroom environment with other students and their teacher
- Learn best when inside a classroom setting, where listening, speaking, writing, asking questions and receiving immediate feedback are happening during class time
- Like coming to campus to participate in campus life—going to the library, using the tutoring center, using the computer labs, going to clubs and student events etc



Hybrid (Face-to Face and Asynchronous Online)

Our hybrid English classes meet on the Chabot campus one time per week. The remainder of the class work is conducted online, using Canvas on your own time throughout each week.

Students who take hybrid classes

- Like being in a classroom environment with other students and their teacher
- Learn best both inside a classroom and on their own in virtual classroom activities that are self-paced
- Like coming to campus to participate in campus life, but prefer to meet fewer times per week



Synchronous Online

Our synchronous online classes meet either one or two times per week on Zoom, during designated class times, with no on-campus meetings. Students need to log into Zoom during each class session and the majority of instruction will happen live on Zoom. The remainder of class work is conducted online, using Canvas.

Students who take synchronous Zoom classes

- Like being in a live virtual classroom environment that is accessed from a computer
- Learn best when inside a virtual classroom setting, where listening, speaking, writing, asking questions and receiving immediate feedback are happening during class time, using computer audio, video, and chat features
- Are not able to come to campus or prefer not to take some classes in person



Asynchronous Online

Our asynchronous online classes have no regularly scheduled class meeting times. All course instruction and participation happens on Canvas. Students need to regularly log in to Canvas in order to complete course work by assignment due dates, posted by the instructor.

Students who take asynchronous online classes

- Like being in a virtual classroom environment that is accessed from a computer
- Like to participate in virtual classroom activities that are self-paced, with teacher guidance
- Learn best independently, managing one's own time, but like to ask for help or assistance using email, chat features, or video conferencing
- Are not able to come to campus or prefer not to take some classes in person



MATH ENROLLMENT GUIDE

MATH PLACEMENT

All students have access to transfer-level math courses after using the Math Course Selection (MCS), which also helps students place beyond the first level and consider lower level options. It is helpful for you to complete the MCS at home before you attend a First Semester Planning session, so you can jump to talking to a counselor about your math choice.

Visit the Assessment Center to learn more about how they can help you place into classes that match your skills and experience:

www.chabotcollege.edu/counseling/assessment

First-level transferable math courses are MTH 21, 33, 33S, 41 (Spring only), 43, 47; PSY 5; and BUS 19. MTH 21 is for students who need calculus. In addition, AB 705 allows all student access to MTH 15, and Chabot is piloting allowing all students access to one particular section of MTH 1. For more information about choosing a first-level transfer math course, use the Online Resources links below after completing the Math Course Selection in CLASS-Web.

HOW TO COMPLETE MATH COURSE SELECTION

Step 1: Log into CLASS-Web



Step 2: Click on the “Student Services” tab



Step 3: Toward the bottom of the page, click on the “Chabot Math Course Selection” link

Step 4: Follow the directions for each page and, when completed, a recommendation will be displayed.

ONLINE RESOURCES

To view math course options based on academic or career fields:
tinyurl.com/ChabotMathByFields



For more detail about math courses:
tinyurl.com/ChabotMathCourses



For more detail about self-placement above first-level transferable math course:
tinyurl.com/CC2ndMath



SECTIONS WITH SUPPORT

- Students with insufficient GPA or course completion are limited to specific sections of MTH 21 and 43 that have an additional corequisite support course that must be taken concurrently. To find out if this applies to you, view your placement result in CLASS-Web or MyPortal after completing the Math Course Selection.
- PSY 5 students may additionally enroll in any section of PSY 5W workshop (0.5 unit). It is recommended especially for new college students with a high school GPA less than 2.3.
- MTH 21 students should make room in their schedule for MTH 21 Workshops offered by the STEM Center (Rm 3906). Details at tinyurl.com/MTH21WS. They are recommended for students with less than 3.4 HS GPA who never enrolled in calculus, and especially for students with less than 2.6 HS GPA and never enrolled in precalculus or IM 4.

OVERVIEW OF THE MATH COURSE SELECTION

Transfer-Level Courses	Precalculus in High School
<p>Do you plan to take Statistics and Liberal Arts Math (SLAM)?</p> <p>YES Take MTH 47, Math for Liberal Arts or MTH 41, Number Systems or MTH 43, Statistics or PSY 5, Statistics for Behavioral & Social Sciences</p> <p>Are you majoring in Business?</p> <p>YES ...and do you need Applied Calculus? YES Start with MTH 15 or MTH 21 NO Take BUS 19, Business Stats; or MTH 43 Intro Prob & Stats</p> <p>Are you majoring in Science, Technology, Engineering, and Math (STEM)?</p> <p>YES Start with MTH 21, College Algebra. If you believe you are ready for MTH 1 (Calculus I) but you are not placed there, you have the option of enrolling in a special pilot section of MTH 1 in Fall 2024.</p>	<p>If you completed Precalculus or IM 4 in high school with C or higher but did not place into calculus (MTH 1 or 15) via MCS, you have the option to self-place higher than MTH 21. See QR code above for detail about self-placement.</p>
	<p>AP Exam Scores or Transfer Courses</p> <p>Present your documentation to a counselor for higher placement. Visit the Counseling website for more information at www.chabotcollege.edu/counseling.</p>
	<p>Pre-Transfer Courses</p> <p>To ensure that all students understand their right under AB 705 and the benefits of enrolling in transfer-level math course, a petition is required to enroll in a pre-transfer math course. The petition is located in CLASS-Web where the Math Course Selection is found. For more information, see tinyurl.com/CCPreTransferMath</p>

For information about updated placement process, please visit the Assessment Center website at www.chabotcollege.edu/counseling/assessment

MATH COURSE SEQUENCE

NOTES ABOUT THE COURSE SEQUENCE CHART

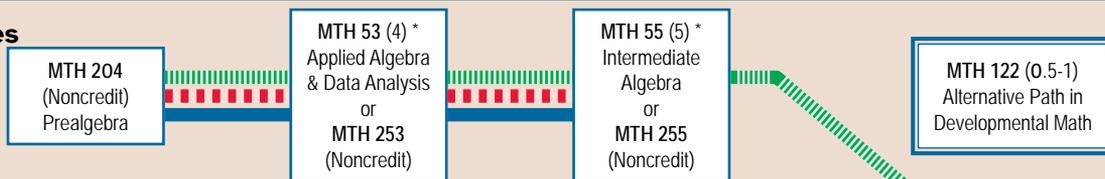
- The unit load for the course is in (parentheses).
- An * notes a class that meets the minimum requirement to satisfy the AA/AS math proficiency requirement. However, AB 705 gives you direct access to first-level transferable math courses, which you are encouraged to take to meet both the AA/AS math proficiency and transfer math requirements at the same time.
- A ± notes a class with the minimum requirement to satisfy the CSU GE math requirement.
- It is advised that you consult a Counselor to determine UC admission math requirements and visit www.assist.org to determine math requirements for your major.
- MTH 253 and MTH 255 are noncredit versions of MTH 53 and MTH 55, respectively. See <https://tinyurl.com/CCMathNC> for details.

MATH SEQUENCE

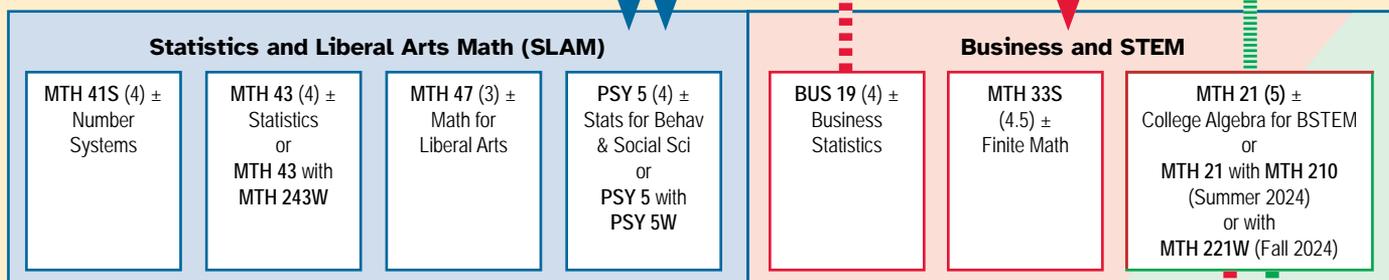
-  The green slotted line shows the path for Science, Technology, Engineering, Mathematics (STEM) math courses.
-  The red dashed line shows the path for Business majors
-  The blue solid line shows the path for Statistics and Liberal Arts Math (SLAM) courses

Pre-Transfer Courses

A pre-transfer math prerequisite to any course is automatically satisfied per AB 705.



First-Level Transfer-Level Courses (take one)



MATH 122/210: MATH LAB

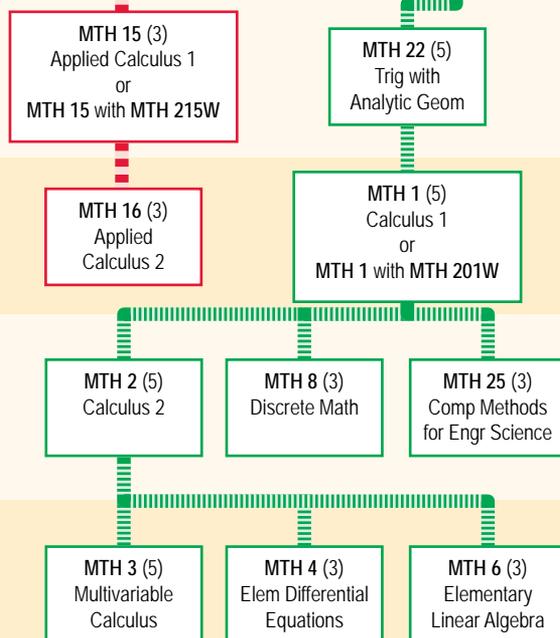
The Alternative Path in Developmental Mathematics offers self-paced courses MTH 122 (credit) and MTH 210 (noncredit), in which you independently work on an individualized curriculum online and have weekly or biweekly conference with the instructor about your progress. The curriculum is available up to precalculus.

This format works well for students who:

- Wish to review math independently before taking the course for which they are eligible.
- Have dropped a math course and wish to spend the remainder of the semester strengthening basic skills before they repeat the course.
- Are referred by the Chabot Nursing Program for TEAS preparation.
- Just want to brush up on math without the rigid structure of a class but still be guided by an instructor.

For more information about the Math Lab, visit: tinyurl.com/APDMChabot

Next-Level Transfer-Level Courses



MTH 2, MTH 8, and MTH 25 may be taken concurrently.

MTH 3, MTH 4, and MTH 6 may be taken concurrently.

SPECIAL PROGRAMS AND SERVICES

ADULT EDUCATION PROGRAM

www.chabotcollege.edu/adult-education

510.723.7533



The Adult Education Program at Chabot College, in collaboration with local adult schools and Las Positas College, provides assistance and transitional support for adult learners looking to advance their academic and/or career pursuits.

ASPIRE PROGRAM

www.chabotcollege.edu/specialprograms/aspire

510.723.7547



The ASPIRE Program offers low-income, first generation, and disabled students academic support: individualized academic, financial, and personal counseling; career exploration; and cultural enrichment activities. The program also offers multi-tiered academic support, including clustered courses, tutoring, and study groups.

BLACK CULTURAL RESOURCE CENTER (BCRC)

www.chabotcollege.edu/specialprograms/bcrc

510.723.7615

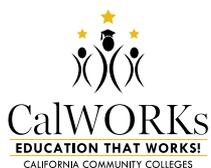


The Chabot College BCRC is a collaborative space designed by students, for students. The BCRC is intended to support the needs of Chabot students who identify as Black, African American, Afro-Latinx, and all other students of the African diaspora. We aim to engage the rest of the campus in learning about the African diaspora, and cultures connected to the diaspora. The BCRC provides services such as mental health counseling, academic and career counseling, a computer lab, and a lending library. The BCRC also hosts cultural events and workshops that provide insight into diverse topics and motivate students to explore new areas of interests. Come visit us! We are located in the library building in room 136.

CALWORKS PROGRAM

www.chabotcollege.edu/specialprograms/calworks

510.723.6985



The CalWORKs program offers education, job training and job placement through work study to CalWORKs/TANF county recipients. Students can fulfill their welfare to work activity hours on campus while also receiving childcare, transportation and book/school supplies. The program provides counseling, career planning and personal development workshops. Work study students can work a maximum of 20 hours/week without affecting their county assistance.

CARE PROGRAM (COOPERATIVE AGENCIES RESOURCES FOR EDUCATION)

www.chabotcollege.edu/specialprograms/eops-care

510.723.6909



The CARE program is an EOPS supplemental program that assists single parents with additional support. The mission of CARE is to support the unique needs of single parents by promoting self-sufficiency and academic success. CARE offers counseling, childcare grants, workshops, and meal tickets.

CHANGE IT NOW (CIN)

www.chabotcollege.edu/academics/cin



Change It Now (CIN) is an academic leadership program designed for students interested in social change, transferring to a university, exploring social issues, building community, and developing leadership skills. CIN students get access to their own counselor, core transferable classes, and leadership opportunities across campus. CIN classes are rooted in social justice and critical thinking. CIN students come from all backgrounds and engage in a wide range of issues that impact our communities. For more information, please visit the CIN website or reach out to the CIN coordinator, Carmen Johnston, at cjohnston@chabotcollege.edu. You can join CIN by submitting a CIN application through the CIN website. The CIN counselor will follow up with you to set up your semester classes.

For more information about Special Programs, please visit our website: www.chabotcollege.edu/specialprograms

SPECIAL PROGRAMS AND SERVICES

DISABLED STUDENTS PROGRAMS & SERVICES (DSPS)

www.chabotcollege.edu/dsps

510.723.6725



DSPS serves the needs of students with physical, communicative, psychological, and learning disabilities. DSPS provides academic, personal and vocational counseling, and offers courses to assist students with successful transition to, support in, and success beyond college. DSPS assists with academic accommodations, creation of student education plans (SEPs), information on community resources, and referrals for diagnostic evaluations.

The Accessibility Center for Education (ACE) in Bldg. 2400 provides study space and assistive technology, houses the alternative testing and technology labs, and is home to DSPS counselors and staff. DSPS also has a Learning Skills program and an Adaptive PE program. We offer students with disabilities a variety of courses in English, Math, Computer Application Systems, Psychology-Counseling, and Physical Education, as well as a Learning Disability diagnostic clinic (LNSK 116). See below for a listing of DSPS classes offered.

DSPS: ACE services are available to all eligible students. For more information, call 510.723.6725, email cc-dsps@chabotcollege.edu, or check out our website, www.chabotcollege.edu/dsps.

SUBJECT	TITLE	UNITS
ADPE ADSF	Adapted Stretch & Flexibility	1.0
ADPE ADST	Adapted Strength Training	1.0
ADPE 1DSS	Disabled Stretch/Strength Training	1.0
LNSK 100	Adapted Computer Keyboarding	3.0
LNSK 101	Adapted Word Processing	3.0
LNSK 102	Intro to Assistive Technology	1.0
LNSK 116	Learning Skills: Diagnostic Clinic	2.0
LNSK 117	Learning Skills: Reading	4.0
SERV 85	Learning in Action	1.0

SUBJECT	TITLE	UNITS
LNSK 118A	Learning Skills: Read/write	3.0
LNSK 118B	Learning Skills: Write/read	3.0
LNSK 119	Learning Skills: Mathematics	3.0
LNSK 120	Learning Skills: Study Strategies	1.0
LNSK 121	Learning Skills: Quantitative Strategies	1.0
LNSK 217	Learning Skills: Reading	Non-credit
LNSK 219	Learning Skills: Mathematics	Non-credit
PSCN 10	Career and Educational Planning	2.0
PSCN 20	The College Experience	2.0
PSCN 24	Personal Growth	1.0

DREAM CENTER

www.chabotcollege.edu/dreamers

510.723.6957



CHABOT COLLEGE
Dream Center

The Dream Center is a safe and confidential space for undocumented students and their allies providing specialized counseling, financial aid information, legal services and workshops, scholarship information, and a laptop lending library. The Dream Center is located inside building 700, 1st floor, room 706.

ECD CLASSES EN ESPAÑOL

www.chabotcollege.edu/academics/social-sciences/ecd/spanish-cohort

510.723.7629

Chabot College ofrece cursos para obtener su certificado de Maestro Asociado en Educación de la Niñez. Materiales en Inglés se presentarán gradualmente en las siguientes clases básicas:

Cursos básicos con las unidades

- ECD 50 Introducción a la Educación Temprana de los Niños 3
- ECD 56 Desarrollo Prenatal hasta la Adolescencia 3
- ECD 62 El Niño, la Familia y la Comunidad 3
- ECD 63 Currículo para la Educación de la Niñez 4

También debe tomar uno de los siguientes cursos para obtener un total de 16 Unidades

- ECD 41 Estrategias para trabajar con Comportamientos Desafiantes 3
- ECD 67 Desarrollo y Cuidado de Infantes y Niños Pequeños 3
- ECD 69 Estudio del Niño: Observación y Evaluación 3
- ECD 79 Enseñando en una Sociedad Diversa 3

Para registrarse y para más información enviar un correo electrónico a: cc-ecdspanish@chabotcollege.edu con su información y sus preguntas.

EL CENTRO

www.chabotcollege.edu/student-services/el-centro

510.723.6714

El Centro is a bilingual (English/Spanish) resource center dedicated to serving the needs of Latinx and/or low-income students and their families. El Centro services include financial aid advising, academic and career counseling, math tutoring, a supplemental food pantry, and an ethnic studies book lending library. El Centro hosts cultural events and programming, including La Bienvenida, Raza College Day, and the Chicanx Latinx Graduation Celebration. Our Summer Bridge Program for incoming first-time students anticipating to receive a degree and/or certificate provides Math Preparation and Personalized Support for 3 weeks. Visit us today in Building 700 South.



EL CENTRO
CHABOT COLLEGE

For more information about Special Programs, please visit our website: www.chabotcollege.edu/specialprograms

SPECIAL PROGRAMS AND SERVICES

EDUCATIONAL TALENT SEARCH (ETS) PROGRAM

www.chabotcollege.edu/specialprograms/ets

510.723.7570



Educational Talent Search (ETS) serves Middle & High school students in grades 7th through 12th in the Hayward and San Lorenzo Unified School Districts. In addition to academic and career advising, participants go on field trips to colleges and universities, receive support in applying to college and learn how to apply for financial aid and scholarship opportunities. Nationally, more than 392,000 students are enrolled in approximately 510 Educational Talent Search TRIO programs.

EXCEL PROGRAM

www.chabotcollege.edu/specialprograms/excel

510.723.7547



EXCEL offers eligible students in-depth academic support, including personal counseling, transfer assistance, and career exploration with emphasis on ESL support courses.

EXTENDED OPPORTUNITY PROGRAMS & SERVICES (EOPS)

www.chabotcollege.edu/specialprograms/eops-care

510.723.6909



EOPS (Extended Opportunity Programs & Services) assists low income and educationally disadvantaged students to achieve their educational and career goals. EOPS is a support program available for the full-time student who can benefit from a variety of extra services that promote academic success and personal growth. EOPS provides individual counseling, financial assistance for books, workshops, priority registration, free tutoring, college tours, and more.

GUARDIAN SCHOLARS PROGRAM

www.chabotcollege.edu/specialprograms/gsp

510.723.7011



The Guardian Scholars Program (formerly known as Foster Youth Program) offers current and former students in the foster care system with academic and supportive services they need to succeed at Chabot College. Contact Elsa Saenz at esaenz@chabotcollege.edu to learn more.

HAYWARD PROMISE NEIGHBORHOODS

www.chabotcollege.edu/specialprograms/hpn

510.723.7676



Hayward Promise Neighborhoods (HPNs) is a partnership of residents, local schools, colleges, government agencies, businesses, and non-profit organizations. These partners are working together to provide comprehensive, high-quality educational and social support to ensure the long-term health, safety and economic well-being of the downtown Hayward community.



For more information about Special Programs, please visit our website: www.chabotcollege.edu/specialprograms

SPECIAL PROGRAMS AND SERVICES

PUENTE PROJECT

www.chabotcollege.edu/specialprograms/puente

510.723-7044



Want to be part of a Chabot familia?

The Chabot College Puente Project is a two semester program that blends writing, counseling and mentoring with a curriculum that focuses on Mexican American/Latinx History, authors and issues.

The Puente Project is an academic preparation program that has improved the college-going rate of tens of thousands of California's educationally underserved students. Its mission is to increase the number of educationally underserved students who: Enroll in four-year colleges and universities; Earn college degrees; Return to the community as mentors and leaders of future generations.

The program is open to all students who are interested in transferring to a 4-year university, agree to participate in all course and program activities. For more information, please visit our website or contact the Chabot Puente office at cc-puenteproject@chabotcollege.edu

RISE

www.chabotcollege.edu/academics/academic-pathways-student-success/rise

510.723.7249



The RISE Program was created to support formerly incarcerated and systems impacted students of Chabot College. Whether you have ever been to juvenile hall, jail or prison, or impacted by a relative who has, the RISE Program is here for you. We provide a stigma-free environment where RISE Scholars can study, learn and grow on their path from reentry through graduation and beyond. We provide peer mentorship, and connect our students with college and community based resources so they can achieve their educational, personal and career goals.

UMOJA PROGRAM

www.chabotcollege.edu/specialprograms/umoj

510.723.2664



The Umoja Community Program, is a statewide program that has helped thousands of educationally disadvantaged students graduate and/or transfer to four year colleges and universities. This program addresses students' needs through academic support services and curriculum focused on African American history, literature, and culture. Umoja currently offers COMM 1, ENGL 1 and 4A, HLTH 1, HIS 63, PSCN 4, PSCN 23, THTR 10, and MATH 47. For more information, call 510.723.2664.

Benefits of joining the Umoja Community: We offer the 3 C's

1. Classes- are accelerated, transferable, aligned with your academic goal(s)
2. Counseling-academic and personal, helping you to plan your success, and stay motivated
3. Community-we go on college tours, host spoken word events, movie nights, support groups, community service, and many other activities

VETERANS RESOURCE CENTER

www.chabotcollege.edu/veterans

510.723.7582 | cc-veterans@chabotcollege.edu



Veterans Resource Center (VRC) at Chabot College assists military-connected students (veterans and their dependents, active duty members, reservists, and the National Guard) in reaching their educational goals. Our VA academic counselors orient and introduce students to academic requirements, planning tools, and campus resources. The VRC is your liaison to the Department of Veterans Affairs to help you process the necessary educational benefits claims. It also provides a space for you to study, gather, socialize, and network with other veterans.



For more information about Special Programs, please visit our website: www.chabotcollege.edu/specialprograms



First Year Experience (FYE) empowers students to follow an effective, intentional academic and career path based on their interests and academic goals while providing an enriching community network through embrace and individualized support.

1

Select a pathway based upon your academic and career interests. We have dedicated classes for full-time and part-time FYE students, for both Fall and Spring semesters of your first year.

2

Guaranteed enrollment in high-demand classes.

3

Receive vital support from across the Chabot College campus to help you be successful in your first year and beyond.

4

Be a part of a community.

INTERESTED IN A PATHWAY?

For more information, to submit your FYE application, or if you don't see a pathway that fits your interests, visit our website: www.chabotcollege.edu/FYE

To learn more about Learning and Career Pathways, visit www.chabotcollege.edu/lcp



STEME

The STEME pathways are for students interested in Science, Technology, Pre-Med, Pre-Dentistry, Engineering, Mathematics, and other related majors.



BUSINESS, ECONOMICS and INFORMATION TECHNOLOGY

This pathway allows students to explore their interests in various business majors ranging from Health Care, Retail, and Small Business Management to Accounting, Entrepreneurship, Human Resources, and Small Business Ownership.



HEALTH and WELLNESS

The Health and Wellness pathway is for those interested in Nursing, Dental Hygiene, Health Science, Medical Technology, and Human Services (i.e. mental health, social work, counseling) related majors. This pathway offers reserved seating in high-demand core classes.



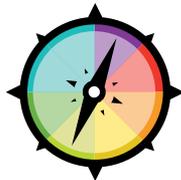
ART and DESIGN

Apply creative expression by engaging the theory and practice of art, music, theater, and design. This is a great pathway for students interested in Graphic Design, Digital Media, Photography, Painting, Drawing/Illustration, Ceramics, and Sculpture.



SOCIAL SCIENCES, HUMANITIES, and EDUCATION

This pathway prepares students to major in Anthropology, Economics, Ethnic Studies, Geography, History, Political Science, Psychology, and for future careers across many fields that rely on analytical, leadership, and interpersonal skills.



UNDECLARED and EXPLORING

Don't know which pathway to pick? We can help! Don't know which pathway to pick? E-mail pmwamba@chabotcollege.edu



LEARNING CONNECTION LABS & CENTERS



Call/Text: 510.397.8047 Email: learningconnection@chabotcollege.edu Website: www.chabotcollege.edu/LearningConnection

The Learning Connection offers **FREE** tutoring (drop-in or by appointment) and conversation groups. All peer and embedded tutors are Chabot College students who have been recommended and trained by Chabot instructors, and **anyone enrolled at Chabot** can use our services.

- **Fifty-minute tutoring appointments** for many subjects
- **Conversation Groups** for World Languages and ESL courses
- **Drop-in Tutoring** for many subjects through our various labs and centers: Learning Connection Center, Communication Studies Lab, ESL Center, STEM Center, and WRAC Center. See below for more information on each one!
- **Check our website for online and in-person options**

Communication Studies Lab

Email: publicspeaking803@gmail.com

Website: www.chabotcollege.edu/academics/comm-lab

The Communication Studies Lab is one of the many **free** tutoring services provided through the Learning Connection. Our team includes students with first-hand experience in various areas of Communication.

Services: Receive help drafting and delivering speeches for any class, including any COMM class.

Workshops: Workshops focus on common communication topics, such as Reducing Anxiety, Outlines and Organization, and Persuasive Strategies.

English as a Second Language (ESL) Center

Call/Text: 510.397.8047 Email: learningconnection@chabotcollege.edu Website: www.chabotcollege.edu/academics/learning-connection/esl-language-center

The Language Center provides helpful resources and friendly staff who can help you find the support you are looking for. If you are currently taking an ESL course at Chabot College, then you can take advantage of our free services.

Tutoring (Drop-in or Appointment): Visit the Learning Connection website and look for the Drop-In Tutoring Schedule. If you want to make sure you don't have to wait in line, you can schedule a one-time or weekly appointment by phone, Zoom, or Accudemia.

Conversation Groups: Conversation groups are conducted by our friendly and knowledgeable ESL tutors every semester. Conversation groups offer a fun and relaxed atmosphere for practicing your listening and speaking skills, and they give you an opportunity to learn and use new vocabulary. Attendance is not mandatory, and it's okay to come late or leave early! All ESL students are welcome!

STEM Center (Science, Technology, Engineering, Mathematics)

Phone: 510.397.9489

Email: cc-stemcenter@chabotcollege.edu

Website: www.chabotcollege.edu/stem

Whether you're majoring in STEM or if you're just taking a class in one of those subjects, the STEM Center is a great resource to receive help.

Services: Free drop-in tutoring, calculator rentals for the semester, SEP counseling appointments, and many more!

STEM Programming: We host events to improve STEM skills, expose students to STEM careers, and introduce students to working STEM professionals, all in the interest of working with students as they take their next step in STEM.

WRAC Center (Writing and Reading Across the Curriculum)

Call/Text: 510.397.8047

Email: cc-wraccenter@chabotcollege.edu

Website: www.chabotcollege.edu/WRAC

Having trouble with reading and writing assignments in your classes? The WRAC Center can help with reading and writing for *any* Chabot class!

Services: The WRAC Center offers free drop-in and appointment tutoring, live workshops, resources on reading and writing topics, ENGL 215 (a non-credit support course), and more!

Drop-in Tutoring: The WRAC Center offers free drop-in tutoring - no appointment needed! Just drop-in during the hours posted on our website to work one-on-one with WRAC Center Peer and Faculty Tutors on any writing or reading assignment for any Chabot class.

Tutoring by Appointment: If students want a longer or regularly scheduled tutoring session, the WRAC Center offers free 50-minute tutoring appointments. Both one-time and weekly recurring tutoring appointments can be scheduled by visiting our website.





DegreeWorks

Have you heard about DegreeWorks?

DegreeWorks helps you answer the following questions:



How can I track my degree and certificate progress?



If I decide to take these classes, am I closer to graduation?



What if I want to change my major?



How can I view my student educational plan (SEP) online?

With DegreeWorks, I can see exactly what I'm missing and what courses I need to take. Then, when I click on the course, it takes me right to all the classes available. Best link I've found in CLASS-Web!

~Jeannie C

Want to learn more about DegreeWorks?

For step-by-step instructions on how to use DegreeWorks and answers to frequently asked questions, visit:

www.chabotcollege.edu/admissions/degreeworks

Start using it today!

It will transform the way you manage your educational goals!



CHABOT
COLLEGE

FRIENDS OF CHABOT COLLEGE FOUNDATION

SUPPORT CHABOT STUDENTS AND PROGRAMS!

JOIN THE ALUMNI ASSOCIATION!

Sign-up to learn about upcoming Alumni events, stay in touch with friends, and receive our free monthly newsletter at www.supportchabotcollege.org/join

SCHOLARSHIPS

The Friends of Chabot awards over \$100,000 in scholarships every year. Help Chabot students succeed by donating towards scholarship funds.

ACTIVE CAMPAIGNS

The Friends of Chabot continuously accepts donations for individual programs and scholarships. See more at supportchabotcollege.org/active-campaigns

DONATE

There are many ways to make a contribution. Giving makes a difference in our students' lives. Donate at bit.ly/FCCgivenow



www.supportchabotcollege.org | friendsofchabot@chabotcollege.edu



The Friends of Chabot College Board of Directors

Hon. Mark Salinas, *Chair*; Hon. Pat Gacoscos, *Vice Chair/Secretary*; Ms. Marita Cheng; Dr. Jamal A. Cooks; Dr. Hal Gin; Ms. Melinda Matsuda; Ms. Olga Rosales Salinas; Mr. Obray Van Buren; Mr. Dale Wagoner

CANVAS

We use Canvas as our Learning Management System. You will see published course tiles in your Canvas Dashboard when you log in to Canvas.



canvas
BY INSTRUCTURE

HOW TO LOG IN TO CANVAS

1. Navigate to clpccd.instructure.com/login/canvas
2. Enter your W number (including the W).
3. Enter your default password (the first two letters of both your first and last names—all in lowercase—followed by the last four digits of your W number).
4. Once you successfully log in, please change your password for security reasons. Find instructions at www.chabotcollege.edu/online.

Note: If you try to reset your password by clicking on Forgot Password, Canvas will send a reset link to your Chabot Zonemail.

Questions about online learning or Canvas?

Please visit www.chabotcollege.edu/online or email cc-onlinelearning@chabotcollege.edu.

HOW TO BE SUCCESSFUL IN AN ONLINE CLASS

- Set goals and create a commitment to study. Find a quiet space where you can study with limited distractions. Create a weekly study schedule and stick to it.
- Think realistically about the amount of time you will need to spend in an online class. It is a myth that online classes are easier than those taught in person.
- Log into your class early in the week. Materials, assignments and expectations can change quickly in an online class. You'll want to keep current with the due dates.
- Try not to fall behind. It's very easy to procrastinate when you don't have to physically go to a classroom or turn in your work in person. Join a Study Group, create a to do list. Breaking down larger projects into smaller pieces will help you complete your assignments
- Actively participate and ask for help! Get to know your classmates and your instructor. Take advantage of course resources and those resources provided by the College such as faculty office hours, the Library, Tutoring, and Counseling.

STUDENT SUPPORT HUB

The Student Support Hub in CANVAS includes campus resources and direct links to student services centralized for easy access. This is available to everyone that has access to CANVAS (students, classified professionals, and faculty).

<https://clpccd.instructure.com/login/canvas>



Canvas Help

Get assistance with your Canvas, ClassWeb, Zonemail, and tech-related questions.



Tutoring

We provide tutoring services in over 20 subject areas. If you are stuck or just need some help—Check Us Out. We've got you!



Online Bookstore

The Chabot Bookstore is now virtual—order books online using the new system.



Library

With over 50 databases, the Library provides quality resource material. Need Help? Ask a Librarian 24/7!



Apply & Register

Apply, register, order transcripts, or verify records.



Accessibility Services

Accommodations for any disability, including dedicated counseling, technology solutions, study tools, and other academic supports.



Health & Wellbeing

Access health services, mental health support, the food pantry, and financial literacy resources.



Financial Aid

Fund your future! Submit your application, complete your requirements and navigate financial aid on Class-Web.



Counseling

We offer academic, career and personal counseling through drop-in and appointment services.



Account



Dashboard



Courses



Calendar



Inbox



Student Support Hub



History



Studio



Help

HOW TO READ COURSE LISTINGS ON CLASS-WEB

Math CC									
CRN	Subj	Crse	Sec	Units	Title	Days	Times	Campus	Room
31246	MTH	1	001	5.00	Calculus I	TTh	01:30 PM - 03:45 PM	Chabot College	C1800 1811
<small>This course may require you to purchase a graphing calculator; free rental from the STEM Center is available while supplies last. This course may require you to purchase access to an online mathematics learning environment. Zero-Cost / FREE textbook materials for this course. http://www.chabotcollege.edu/ztc</small>									
View textbooks									
30544	MTH	1	071	5.00	Calculus I	TTh	07:00 PM - 09:15 PM	Chabot College	C1800 1811
<small>Zero-Cost / FREE textbook materials for this course. http://www.chabotcollege.edu/ztc</small>									
View textbooks									
30234	MTH	1	E01	5.00	Calculus I	MTWTh	09:15 AM - 11:50 AM	Chabot College	C1700 1755
<small>Math 22 to fast track consists of an 8-week Math 22 course, paired with an 8-week Math 1 course, both offered in the same semester. Students will be required to register for both. Learning assistants and tutors will be available to ensure student success in these courses. We encourage students not to exceed a maximum of 16 units with this program. For more information or to begin the application please go to http://goo.gl/eZX4oP. This course may require you to purchase access to an online learning environment.</small>									
View textbooks									
30233	MTH	1	H01	5.00	Calculus I	W	10:40 AM - 11:55 AM	Chabot College	C1800 1802 CTBA HYBRID
<small>MTH 1-H01 is a hybrid course conducted both on campus and over the Internet. Lectures will be asynchronous. For important additional information and exams, visit www.chabotcollege.edu/ztc. This course will require a graphing calculator. Zero-Cost / FREE textbook materials for this course. http://www.chabotcollege.edu/ztc</small>									
View textbooks									

TEXTBOOKS
View textbooks for course

= Zero Textbook Cost (ZTC)
 = Low Textbook Cost (LTC)

CRN
Class Registration Number used to register for class.

SECTION
Indicates the section number.

E## = Short Term
EN# = Short Term Online
EH# = Short Term Hybrid
ON# = Full Term Online
H## = Hybrid
#7# = Evening
#8# = Saturday

DAYS
Indicates the days of the week the class is offered.

Th = Thursday

BUILDING and ROOM
Indicates where the class is held. ONLINE or HYBRID classes are listed as building "CTBA."

C = Chabot College
L = Las Positas College
* = Off campus

Important Definitions

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

Prerequisite

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

Corequisite

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

Strongly Recommended

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

HYBRID Course

A hybrid course is taught partially on campus in person and partially online.

Online Course

An online course is taught fully online and does not meet on campus in person.

Contacting an Instructor

For instructor contact information, please go to the Chabot College website: www.chabotcollege.edu. Then click Find People link on the top right section of the webpage.

Class Changes & Cancellation

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.

Non-Credit Courses

Classes labeled as **0 units** are non-credit courses.

REMEMBER TO ACCESS YOUR STUDENT ZONEMAIL

PLEASE NOTE: All messages from the College are sent to your Zonemail email account. Check your Zonemail account regularly to avoid missing any important information. **See page 17** on steps how to access your Zonemail account.

ACCOUNTING* (See course listing under Business)

ADMINISTRATION OF JUSTICE

See page 53 for more information about the Administration of Justice department.

ADMJ 50 INTRODUCTION TO ADMIN OF JUSTICE 3 Units

This course covers the history, theory, and philosophy of administration of justice in the United States. Particular emphasis is placed on the principles, operational practices, and structure of the police, courts, and corrections agencies. Students are introduced to the origins and development of criminal law, legal processes, and sentencing and incarceration policies. Students examine the methods of crime measurement, explanations of crime, and the challenges and opportunities for law enforcement in a diverse society.

ADMJ 55 INTRODUCTION TO CORRECTIONAL SCIENCE 3 Units

This course focuses on the major programs within the corrections component of the criminal justice system. It includes analysis of probation, institutional treatment, parole, and community corrections programs. Development of corrections philosophy, theory, and practice will be presented with emphasis on constitutional rights of offenders. **Strongly Recommended:** ADMJ 50

ADMJ 60 CRIMINAL LAW 3 Units

This course offers an analysis of the doctrine of criminal liability in the United States and classification of crimes against persons, property, morals, and public welfare. Emphasis is placed on the classification of crime, elements of particular crimes, and defenses to crime. This course utilizes case law and case studies to introduce students to criminal law.

ADMJ 80 CRIMINAL COURT PROCESS 3 Units

This course examines due process and the constitutional, statutory and rule-based issues that arise in the formal processing of a criminal case from pre-arrest through that and appeal. **Strongly Recommended:** ADMJ 50 , ADMJ 60

ADMJ 89 FAMILY VIOLENCE 3 Units

Origins of violence in the family including child abuse from the administration of justice perspective. Specific types of violent interactions and abuse among family members and responsible adults. Emphasis on techniques for use by peace officers and other social service professionals to intervene effectively.

ANTHROPOLOGY

See page 53 for more information about the Anthropology department.

ANTH 1 BIOLOGICAL/PHYSICAL ANTHROPOLOGY 3 Units

Humans as a biological species through the examination of human evolutionary biology and genetics, comparative primate anatomy and behavior, and fossil evidence. **Strongly Recommended:** Eligibility for ENGL 1A or , Eligibility for ENGL 1

ANTH 1L BIOLOGICAL/PHYSICAL ANTHRO LAB 1 Unit

Laboratory activities and exercises developed as an adjunct to Anthropology 1. Topics include evolutionary theory, genetics, human diversity, primate comparative anatomy and behavior, and the human fossil record. **Prerequisite:** ANTH 1 may be taken concurrently **Strongly Recommended:** Eligibility for ENGL 1A or , Eligibility for ENGL 1

ANTH 3 SOCIAL/CULTURAL ANTHROPOLOGY 3 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, behavior. Emphasis on understanding other cultures on their own terms. Includes the many subcultures making up North American populations. **Strongly Recommended:** Eligibility for ENGL 1 or , ENGL 1A

ANTH 4 LANGUAGE AND CULTURE 3 Units

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

ANTH 5 CULTURES OF THE U.S. IN GLOBAL 3 Units

Issues relevant to understanding constructs of race, class, gender and culture in U.S. society from a global perspective. Factors affecting at least three major U.S. cultural communities (such as African American, Asian American, Latino American and others) including impacts of globalization, patterns of migration, permeability of cultural communities in the U.S., the cultural politics of identity and inclusion and exclusion, and other factors influencing modern U.S. society. **Strongly Recommended:** ENGL 1A or ENGL 1

ANTH 12 MAGIC, RELIGION, WITCHCRAFT AND HEALING 3 Units

Cross-cultural perspectives on spirituality, religious practice, myth, ancestor beliefs, witchcraft and the variety of religious rituals and practitioners found in the cultures of the world. Examination of the cosmologies of different cultures through the anthropological perspective. Emphasis is placed on how knowledge of the religious practices and beliefs of others can help us to understand the multicultural world in which we live. Comparison of the ways in which diverse cultures confront the large and fundamental questions of existence: those dealing with the meaning of life, birth and death, and with the relationship of humans to each other and to their universe. **Strongly Recommended:** Eligibility for ENGL 1A or , ENGL 1



Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

For the most current class information, scan the QR code for the searchable online class schedule at www.chabotcollege.edu/courses



ARCHITECTURE

See page 54 for more information about the Architecture department.

ARCH 3 DIGITAL TOOLS FOR DESIGN & VISUAL COMM 3 Units

Introduction to digital tools with computer-aided design drafting. The course will use state of the art digital drafting software as an industrial standard. Students will develop skills in 2 dimensional commands and layering systems. May not receive credit if ID 49 or ARCH 68 has been completed.

ARCH 80 ARCHITECTURAL PRACTICE 2 Units

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

ART

See page 55 for more information about the Art department.

ART 2A INTRODUCTION TO DRAWING 3 Units

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

ART 2B DRAWING AND COMPOSITION 3 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 IN DRAWING 3 Units

Individual project development for advanced drawers to create a personal and dynamic related body of eight drawings. **Prerequisite:** ART 2B (completed with a grade of "C" or higher)

ART 12A BEGINNING OIL PAINTING 3 Units

Introduction to principles, elements, and practices of oil painting. Focus on exploration of painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter. **Strongly Recommended:** ART 2A

ART 12B INTERMEDIATE OIL PAINTING 3 Units

Intermediate projects in oil painting focusing on more complex and varied subject matter, media and concepts. Special emphasis is placed on the development and content. **Prerequisite:** ART 12A

ART 12C ADVANCED OIL PAINTING I 3 Units

Advanced projects in oil painting with emphasis on individual creative work and development of personal ideas and style. **Prerequisite:** ART 12B

ART 12D ADVANCED OIL PAINTING II 3 Units

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

ART 13A ACRYLIC PAINTING-BEGINNING I 3 Units

Introduction to principles, elements, and practices of acrylic painting. Focus on exploration of painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter. **Strongly Recommended:** ART 2A

ART 13B ACRYLIC PAINTING-BEGINNING II 3 Units

Projects in acrylic painting focusing on more complex and varied subject matter, media and concepts. Special emphasis is placed on the development of creative, individualized approaches to materials and content. **Prerequisite:** ART 13A (completed with a grade of "C" or higher)

ART 13C ACRYLIC PAINTING-ADVANCED I 3 Units

Advanced projects in acrylic painting with emphasis on individual creative work and development of personal ideas and style. **Prerequisite:** ART 13B

ART 13D ACRYLIC PAINTING-ADVANCED II 3 Units

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

ART 23 2-D FOUNDATIONS 3 Units

Introduction to the concepts and applications of two-dimensional art from various cultures, historical periods, and aesthetic sensibilities.

ART - HISTORY

See page 56 for more information about the Art History department.

ARTH 1 INTRODUCTION TO ART 3 Units

In this introduction to art, our class will travel through history and across the globe to learn how we humans use painting, sculpture, architecture, photography, and other artforms to respond to our circumstances, to solve our problems, to demonstrate our values, and to make beauty from the materials we find around us. (Formerly ART 1; may not receive credit if ART 1 has been completed.)

ARTH 4 ART HISTORY-ANCIENT TO GOTHIC 3 Units

This course presents a chronological history of the West using iconic artworks that embody the conditions and values of the people who created them. We begin in prehistory, when Cro-Magnons painted the walls of their caves, and end in the late Medieval period, when artists sought ways to give tangible form to God and the heavens. Along the way, we cover visual masterworks by ancient Arabs and Persians of Mesopotamia, northeast Romans in the Mediterranean region. This course is especially appropriate for visual learners. (Formerly ART 4; may not receive credit if ART 4 has been completed.)

ARTH 5 RENAISSANCE TO MODERN 3 Units

This course presents a chronological history of the West using iconic works of art and architecture that embody the conditions and values of the people who created them. We begin as Humanism cleaves the Early Renaissance away from a Medieval mindset, and conclude in recent times, as art is radically redefined by modern and contemporary artists to evocatively reflect our unpredictable, challenging times. This course is especially appropriate for visual learners.

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ASTRONOMY

See page 57 for more information about the Astronomy department.

ASTR 20 INTRO TO ASTRONOMY: STARS AND THE UNIVERSE 3 Units

Introduction to study of stars, galaxies, and 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. A companion science lab, Astronomy 30, is also available.

AUTOMOTIVE TECHNOLOGY

See page 57 for more Automotive Technology department.

ATEC 50 INTRODUCTION AUTOMOTIVE TECH 3 Units

Automotive industry fundamentals including careers; safety; fasteners, hand tool identification and usage; vehicle systems, electrical fundamentals; service information access and use; automotive chemical and fluid applications; hazardous waste handling; general shop equipment usage and vehicle servicing.

ATEC 250 INTRODUCTION AUTOMOTIVE TECH 0 Units

Automotive industry fundamentals including careers, safety, fasteners, hand tool identification and usage, vehicle systems, electrical fundamentals, service information access and use, automotive chemical and fluid applications, hazardous waste handling, general shop equipment usage, and vehicle servicing. This course is a noncredit course that is equivalent to the ATEC credit course of the same title. Both options cover the same content and students will be enrolled in the same class at the same time.

BIOLOGICAL SCIENCES

See page 59 for more information about the Biological Sciences department.

BIOS 1 INTRODUCTION TO THE SCIENCE OF BIOL 4 Units

Learn about the basic principles of biology and their bioethical impacts in our modern world. This course is especially designed for students new to biology or those who just want to explore biology under a thematic approach. This course is intended to fulfill the natural sciences general education requirement for students majoring outside of the biological or health sciences. May not receive credit if BIOL 10 has been completed successfully.

BIOS 5 HUMAN HEREDITY AND EVOLUTION 3 Units

Apply the fundamental concepts underlying human genetics and evolution to contemporary technologies and topics. Applications such as transgenic organisms, DNA forensics, human genetic diversity and ancestry, and the genetic components of diseases will be explored. May not receive credit if BIOL 25 has been completed successfully.

BIOS 41 FUND OF BIOLOGY FOR HEALTH SCIENCES 4 Units

An introductory biology course that explores the basic principles of biology including prokaryotic and eukaryotic cell structure and function. This course places emphasis on developing needed laboratory skills for success especially for the further health sciences courses at Chabot. For example, it is the prerequisite for Human Anatomy (BIOS 42). This course is intended for students who will study in health sciences fields including students intending to apply to schools of nursing, dental hygiene, and medical technologies. May not receive credit if BIOL 31 has been completed successfully. **Strongly Recommended:** MTH 53, Eligibility for ENGL 1

BIOS 42 GENERAL HUMAN ANATOMY 5 Units

Develop an understanding of the structure and function of the human body in both health and disease. Investigate organ structure by dissecting organs and cadavers, viewing models, and examining slides. May not receive credit if ANAT 1 has been completed successfully. **Prerequisite:** BIOS 41 (completed with a grade of "C" or higher) or, BIOL 31 (completed with a grade of "C" or higher) or, BIOS 21C (completed with a grade of "C" or higher) **Strongly Recommended:** ENGL 1 (completed with a grade of "C" or higher)

BIOS 43 HUMAN PHYSIOLOGY 5 Units

An essential course for those interested in pursuing a career in nursing, dental hygiene, physical therapy or other allied health sciences. This course studies human cellular and systemic body functions. Emphasis is placed on physics, chemistry, and clinical concepts. Students will learn collection and analysis of data, extrapolations and conclusions. May not receive credit if PHSI 1 has been completed successfully. **Prerequisite:** CHEM 30A and BIOS 42 **Strongly Recommended:** CHEM 30B and, Eligibility for ENGL 1.

BIOS 44 MICROBIOLOGY 5 Units

Explore the attributes and behaviors of microorganisms, with an emphasis on those which cause infectious human diseases. Intended primarily for students planning to enter training programs for professions such as registered nurse or dental hygienist. May not receive credit if MICR 1 has been completed successfully. **Prerequisite:** BIOS 41 (completed with a grade of "C" or higher) or, BIOL 31 (completed with a grade of "C" or higher) or, BIOS 21C (completed with a grade of "C" or higher) or, BIOL 2 (completed with a grade of "C" or higher) or, BIOS 21B (completed with a grade of "C" or higher) or, BIOL 4 (completed with a grade of "C" or higher) and, CHEM 30A (completed with a grade of "C" or higher) or, CHEM 1A (completed with a grade of "C" or higher) **Strongly Recommended:** BIOS 42 (completed with a grade of "C" or higher) or, ANAT 1 (completed with a grade of "C" or higher) and, Eligibility for ENGL 1 (completed with a grade "C" or higher)

BUSINESS

See page 60 for more information about the Business department.

BUS 1A FINANCIAL ACCOUNTING 4 Units

Explores financial accounting, its importance and how it is used by internal and external users as a decision-making tool. Covers accounting information systems; application of Generally Accepted Accounting Principles (GAAP) and International Financial Reporting Standards (IFRS) to value assets, liabilities, and equity; preparation, interpretation and analysis of financial statements. Includes topics on cash flow statement, cash and accrual accounting concepts, merchandising operation, internal controls and ethics, reporting and accounting for receivables, payables, long-term assets and liabilities, inventory, depreciation, stockholders' equity, stocks and bonds. **Strongly Recommended:** BUS 7 (completed with a grade of "C" or higher)

BUS 1B MANAGERIAL ACCOUNTING 4 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).

SUMMER 2024 COURSES

BUS 3A TAXATION OF INDIVIDUALS

3 Units

Preparation of Federal and California income tax returns for individuals through the absorption and application tax forms, including Form 1040 (Individual), Schedules A (Itemized Deductions), B (Interest and Dividends), C (Profit or Loss from a Business), and D (Capital Gains and Losses). Other topics include depreciation, tax credits, tax planning, and tax research.

BUS 7 ACCOUNTING FOR SMALL BUSINESS

3 Units

Bookkeeping practices and accounting cycle for a service and merchandising sole proprietorship. Double-accounting entry system (debits and credits), journal, ledgers, adjusting and closing entries, income statement, balance sheet, and statement of owner's equity, cash, banking activities, payroll, merchandising transactions.

BUS 8 PAYROLL ACCOUNTING

3 Units

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

BUS 10 BUSINESS LAW

4 Units

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

BUS 12 INTRODUCTION TO BUSINESS

3 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, human resources, and finance).

BUS 14 BUSINESS COMMUNICATIONS

3 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:** ENGL 1 Critical Thinking and Composition.

BUS 19 BUSINESS STATISTICS

4 Units

Introduction to concepts, methods and models employed in reasoning with numbers and in presenting cogent statistical arguments or solutions in the fields of business, economics, information technology and the social sciences. **Prerequisite:** MTH 53 or MTH 53B or MTH 54 or MTH 54L or MTH 55 or MTH 55B or MTH 55L (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Early Assessment Program or the equivalent or an appropriate skill level demonstrated through the mathematics assessment process. **Strongly Recommended:** Eligibility for ENGL 1A

BUS 22 INTRODUCTION TO MANAGEMENT

3 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.

BUS 36 INTRODUCTION TO MARKETING

3 Units

Survey of marketing, including consumer behavior, company and environmental analysis, market segmentation, product development, pricing, promotion, and distribution. Personal, consumer, business to business and digital marketing are included.

BUS 43 PERSONAL FINANCIAL PLANNING

3 Units

This course provides students with an introduction to the fundamentals of personal finance. Students will learn about important topics such as time value of money, consumer credit, insurance, taxes, investing and retirement planning.

BUS 44 INTRODUCTION TO INVESTMENTS

4 Units

Pros and cons of various types of investments. Securities markets, individual portfolio planning, risk and return considerations, investment alternatives, analysis. The course covers the corporate bond market, government securities, valuation of fixed-income securities, and investment companies.

BUS 84 ADVANCED PROJECT PROCESSES

3 Units

This course provides an overview of MS Project, Business Analysis, Earned Value, Network Diagramming and Decision Making. **Strongly Recommended:** BUS 88

BUS 88 INTRODUCTION TO PROJECT MANAGEMENT

3 Units

Introduction to Project Management. Understand the basic concepts of project management including estimation, implementation, and best practices. **Strongly Recommended:** CAS 50, Computer Application Systems 8 or CSCI 8 and CAS 54A.

BUS 89 PROJECT PLANNING, SCHEDULING AND CONTROL

3 Units

Develop an effective management plan, which provides a baseline for monitoring progress, identifying variances, and taking timely action to mitigate the impact of problems. **Strongly Recommended:** BUS 88.

BUS 93 QUICKBOOKS

2 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.

BUS 97 PROJECT MANAGEMENT CERTIFICATE EXAM PREP

3 Units

The Project Management Institute (PMI) offers two credentials for project managers who want formal recognition of their project knowledge. **Strongly Recommended:** BUS 88 and , BUS 89

CHEMISTRY

See page 62 for more information about the Chemistry department.

CHEM 1B GENERAL COLLEGE CHEMISTRY II

5 Units

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

CHEM 10 INTRODUCTION TO CHEMISTRY

4 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.

CHEM 30A INTRODUCTION AND APPLIED CHEMISTRY I

4 Units

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

CHEM 31 INTRODUCTION TO COLLEGE CHEMISTRY

4 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. **Chabot Prerequisite:** MTH 55 or MTH 55B. **LPC Prerequisite:** Intermediate Algebra or a higher level of mathematics.

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CHINESE

See page 62 for more information about the Chinese department.

CHIN 1A BEGINNING CHINESE 5 Units

Introduction to the Chinese cultures of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of Mandarin Chinese. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. **Strongly Recommended:** ENGL 1A or ENGL 1

COMMUNICATION STUDIES

See page 62 for more information about the Communication Studies department.

COMM 1 FUNDAMENTALS OF SPEECH COMMUNICATION 3 Units

This course develops a student's skills in creating and presenting speeches to an audience. An emphasis is placed on delivery, audience analysis, and content assembly in order to inform, persuade, or entertain an audience. **Strongly Recommended:** ENGL 1

COMM 46 ARGUMENTATION & DEBATE 3 Units

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

COMM 10 INTERPERSONAL COMMUNICATION 3 Units

An introductory course designed to help you develop your interpersonal communication competencies by examining identity, human interaction, and conflict management in personal relationships. Through readings, discussion, and assignments we will examine the power of communication and its effects on our lives and relationships. **Strongly Recommended:** ENGL 1

COMPUTER APPLICATION SYSTEMS

See page 63 for more information about the Computer Application Systems department.

CAS 83 INFO & COMM TECHNOLOGY ESSENTIALS 4 Units

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

COMPUTER SCIENCE

CSCI 7 INTRODUCTION COMP PROGRAM CONCEPTS 3 Units

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

CSCI 8 COMPUTER LITERACY 3 Units

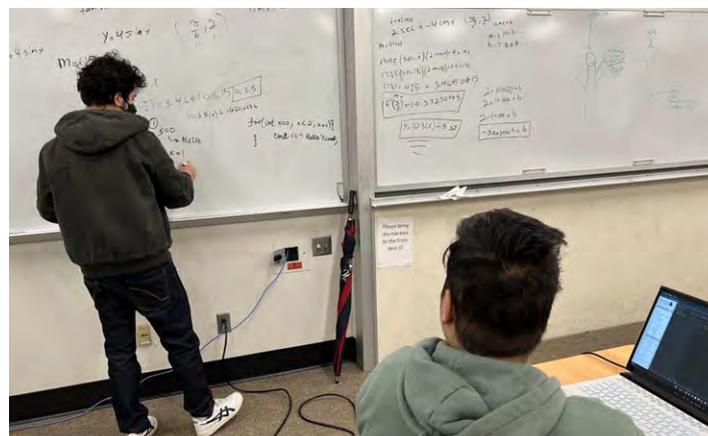
Intro to computers including: Microsoft Windows, Microsoft Office, multimedia, using browsers and World Wide Web, types of computer software in use including programming languages, electronic mail, computer-based careers and trends, and other computing issues. No prior computer experience necessary. Recommended for students of any major who want to learn about computers and how to use them. Hands-on laboratory experience. May not receive credit if Computer Application Systems 8 has been completed. **Strongly Recommended:** MTH 55 (completed with a grade of "C" or higher) or , MTH 55A (completed with a grade of "C" or higher) or , MTH 53 (completed with a grade of "C" or higher) or , MTH 53A (completed with a grade of "C" or higher) or Completion of Algebra 2 in high school.

CSCI 14 INTRO TO STRUCTURED PROGRAMMING IN C++ 4 Units

Introduction 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 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 or , MTH 55B or , MTH 55L or , MTH 54 or , MTH 54L (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process **Strongly Recommended:** CSCI 7 (completed with a grade of "C" or higher) or , ENGL 1A

CSCI 19A OBJECT-ORIENTED PROGRAMMING IN JAVA 4 Units

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



DENTAL HYGIENE

See page 65 for more information about the Dental Hygiene department.

DHYG 50A DENTAL HYGIENE ORIENTATION I

0.5 Units

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

DHYG 50B DENTAL HYGIENE ORIENTATION II

0.5 Units

Orientation for second year dental hygiene students focusing on patient management and scheduling. **Prerequisite:** Dental Hygiene 71B. (completed with a grade of "C" or higher)

DHYG 72S ADVANCED PERIODONTAL PROCEDURE

0.5 Units

Lecture experiences in advanced instrumentation techniques; workshops on recognizing patients' medical needs and their relationship to dental treatment. **Prerequisite:** DHYG 71B (completed with a grade of "C" or higher)

DIGITAL MEDIA

See page 65 for more information about the Digital Media department.

DIGM 4A DIGITAL ILLUSTRATION

3 Units

Introduction to the principles of illustration using digital tools. Through lectures, demos and assignments students are exposed to and practice digital illustration skills for design, editorial, and animation. **Strongly Recommended:** ART 2A (completed with a grade of "C" or higher)

DIGM 11 VIDEO EDITING

3 Units

Introduction to the art of digital video editing using industry standard software. Students explore the theory and practice of various editing styles in order to gain a better understanding of how stories are constructed in the editing room.

DIGM 6A PHOTOSHOP

3 Units

Introduction to the use of Adobe Photoshop for retouching, editing, and compositing digital images. Students contrast, exposure, color balance, to create enhanced compositions. May not receive credit if PHOT 6A or PHOT 66 have been successfully completed. **Strongly Recommended:** PHOT 1A (completed with a grade of "C" or higher)

EARLY CHILDHOOD DEVELOPMENT

See page 66 for more information about the Early Childhood Development department.

ECD 32 MATH: PRESCHOOL FOUNDATIONS

1 Unit

Introduction to the mathematics domain of the California Preschool Learning Foundations and Frameworks including the strands of number sense, algebra and functions, measurement, geometry, and mathematical reasoning. Provides strategies for implementing the curriculum frameworks developed for this domain. Applicable to required or professional development units for Child Development Permit holders, pre-school, transitional kindergarten, and early-primary teachers.

ECD 50 ECD PRINCIPLES AND PRACTICES

3 Units

Explores the typical roles and expectations of early childhood educators emphasizing the key role of relationships, constructive adult-child interactions. Identifies professional ethics, career pathways, and professional standards. Introduces best practices for developmentally appropriate learning environments, curriculum, and effective pedagogy for young children including how play contributes to children's learning, growth, and development.

ECD 33 SCIENCE: PRESCHOOL FOUNDATIONS

1 Unit

Introduces the science domain of the California Preschool Learning Foundations and Frameworks including the strands of scientific inquiry, physical, life, and earth sciences and provides practical strategies for implementing the curriculum frameworks developed for this domain. Applicable to required or professional development units for Child Development Permit holders, pre-school, transitional kindergarten, and early-primary teachers.

ECD 54 CHILD HEALTH/SAFETY/NUTRITION

3 Units

Course covers the regulations, standards, policies, procedures, and best practices related to health, safety, and nutrition in care and education settings for children birth through middle childhood. Includes the teacher's role in prevention strategies, first aid, emergency preparedness, infectious illnesses, nutrition and meal planning.

ECD 34 LITERACY PRESCHOOL FOUNDATIONS

1 Unit

Introduction to the language and literacy development domain in the California Preschool Learning Foundations and Frameworks including the strands of listening and speaking, reading, and writing. Provides practical considerations for implementing the curriculum frameworks developed for this domain. Applicable to required or professional development units for Child Development Permit holders, pre-school, transitional kindergarten, and early-primary teachers.

ECD 56 CHILD GROWTH AND DEVELOPMENT

3 Units

Examines the progression of development in the physical, cognitive, social, and emotional domains and identifies developmental milestones for children both typical and atypical from conception through adolescence.

ECD 37 HEALTH: PRESCHOOL FOUNDATIONS

1 Unit

Introduction to the health domain of the California Preschool Learning Foundations and Frameworks including strands of health habits, safety, and nutrition. Provides practical strategies for implementing the curriculum frameworks. Applicable to required or professional development units for Child Development Permit holders, as well as pre-school, transitional kindergarten, and early-primary teachers.

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ECONOMICS

See page 67 for more information about the Economics department.

ECN 1 PRINCIPLES OF MICROECONOMICS 3 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:** Eligibility for ENGL 1A. **Prerequisite:** MTH 53 (completed with a grade of "C" or higher), MTH 53B (completed with a grade of "C" or higher), MTH 65 (completed with a grade of "C" or higher), MTH 65B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the mathematics assessment process.

ECN 2 PRINCIPLES OF MACROECONOMICS 3 Units

Economic analysis of the theory of income determination, including national income analysis, business cycles, the consumption function, the multiplier, fiscal policy, monetary policy, money and banking, the public debt, economic growth and development, comparative economic systems and international trade. **Strongly Recommended:** ENGL 1A. **Prerequisite:** MTH 53 or, MTH 53B or, MTH 65 or, MTH 65B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.

ELECTRONIC SYSTEMS TECHNOLOGY

See page 68 for more information about the Electronic Systems Technology department.

ESYS 50 INTRO ELECTRONIC SYSTEMS TECHNOLOGY 4 Units

Introduction to electronic systems and circuits. Overview of career opportunities and job duties with electronic systems technology. Direct current and alternating current circuits including Ohm's law and Kirchhoff's laws. Measurement and characterization of electronic systems at the block diagram level. Laboratory practice includes the proper use of standard test instruments. **Strongly Recommended:** INDT 74 (completed with a grade of "C" or higher)

ESYS 250 INTRO ELECTRONIC SYSTEMS TECHNOLOGY 0 Units

This course is a great opportunity to build a solid foundation of understanding electronics technology. This course is free and students may repeat this course until mastery of the skills is met.

ESYS 51 FABRICATION TECHNIQUES 2 Units

Prototype development includes sheet metal, printed circuit board layout and fabrication, connection and soldering techniques, use of hand tools, and machines in electronic fabrication. Use of computer software tools as applied to electronic fabrication. **Strongly Recommended:** ESYS 50 (completed with a grade of "C" or higher)

ESYS 251 FABRICATION TECHNIQUES 0 Units

Prototype development includes sheet metal, printed circuit board layout and fabrication, connection and soldering techniques, use of hand tools, and machines in electronic fabrication. Use of computer software tools as applied to electronic fabrication. **Strongly Recommended:** ESYS 250 (completed with a grade of "P" or higher) or, ESYS 50 (completed with a grade of "C" or higher)

EMERGENCY MEDICAL SERVICES

See page 68 for more information about the Emergency Medical Services department.

EMS 1 EMERGENCY MEDICAL RESPONDER 3 Units

This course is designed to provide students with the basic knowledge and skills to manage a variety of medical and trauma-related emergencies. Students will learn through lecture and lab practice how their role as an Emergency Medical Responder aligns with the Emergency Medical Services community. This is the pre-requisite for the EMS2/2W (EMT) course. May not receive credit if Health 61 has been completed successfully.

ENGINEERING

See page 68 for more information about the Engineering department.

ENGR 10 INTRODUCTION TO ENGINEERING 2 Units

Introduction to careers, activities, and topics related to the field of engineering, including computer applications design and problem solving.

ENGR 25 COMPUTATIONAL METHODS FOR ENGINEERS 3 Units

Methodology and techniques for solving engineering/science problems using numerical-analysis computer-application programs MATLAB, SimuLink, MuPad, and EXCEL. Technical computing and visualization using MATLAB software. Examples and applications from applied-mathematics, physical-mechanics, electrical circuits, biology, thermal systems, fluid systems, and other branches of science and engineering. May not receive credit if Mathematics 25 or Physics 25 has been completed. **Prerequisite:** MTH 1.

ENGR 22 ENGINEERING DESIGN GRAPHICS 3 Units

Learn how to bring your ideas into reality! This course covers the design process: from how to create 2D and 3D computer-aided design (CAD) models through 3D printing your own creations. **Prerequisite:** MTH 22 or MTH 36 or MTH 37.

ENGLISH

See page 69 for more information about the English department.

ENGL 1 CRITICAL READING & COMPOSITION 4 Units

This is an introductory course offering integrated instruction in reading, critical thinking, and expository and argumentative writing, intended to develop the ability to read and write complex, college-level prose. Examination of ideas in relation to individuals' world view and contexts from which these ideas arise. Some research required. **Prerequisite:** Eligibility for college-level composition as determined by multiple measures or other appropriate method or ENGL 102

ENGL 4A CRITICAL THINK & WRITE LITERATURE 4 Units

Develops critical thinking, reading, writing and research skills through analysis of fiction (short stories and novel), poetry, and drama by diverse writers. **Prerequisite:** ENGL 1 (completed with a grade of "C" or higher) or ENGL 1A (completed with a grade of "C" or higher)

ENGL 7A CRITICAL THINK & WRITE ACROSS DISCIPLINES 4 Units

Develops critical thinking, reading, writing, and research skills as they apply to the analysis of primary and secondary non-fiction books, articles, and essays from a range of academic and cultural contexts. **Prerequisite:** ENGL 1 (completed with a grade of "C" or higher) or ENGL 1A (completed with a grade of "C" or higher)

SUMMER 2024 COURSES

ENGL 11A INTRODUCTION TO CREATIVE WRITING

3 Units

This is an introductory course offering practice in the elements of creative writing, including narrative, verse, and dialogue, using materials drawn from individual's own work and selected texts. **Prerequisite:** ENGL 102 (completed with a grade of "P" or higher) or Eligibility for: ENGL 1 as determined by multiple measures or other appropriate method. **Advisory:** ENGL 1 (completed with a grade of "C" or higher) or ENGL 1A (completed with a grade of "C" or higher)

ENGL 11B INTERMEDIATE CREATIVE WRITING

3 Units

This course offers practice in creative writing at an intermediate level. Builds on the skills developed in ENGL 11A including fiction, poetry, and play writing, using materials drawn from individual's own work and selected texts. **Prerequisite:** ENGL 11A (completed with a grade of "C" or higher)

ENGL 11C ADVANCED CREATIVE WRITING

3 Units

English 11C is a course that offers practice in creative writing at an advanced level. It builds on the skills developed in English 11A/B including fiction, poetry, and play writing, using materials drawn from individual's own work and selected texts. **Completion of:** ENGL 11B (completed with a grade of "C" or higher)

ENGL 202 NONCREDIT READING AND WRITING

0 Units

Preparation for academic reading, critical thinking, and writing expected in transfer and associate-degree classes. This course is tuition free and students may repeat this course until mastery of the skills is met. Noncredit course that is equivalent to the English 102 credit course of the same title.

ENGLISH AS A SECOND LANGUAGE

See page 70 for more information about the English as a Second Language department.

ESL 112 ENGLISH GRAMMAR-REVIEW FOR ESL

3 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 210 PREP FOR ACADEMIC ESL READING

0 Units

This FREE, noncredit, academic ESL reading and vocabulary course is part of a three course noncredit Certificate of Competency in Preparation for college ESL. Upon completing this course, students will be ready to read at a level appropriate for ESL 110A, the first course in our ESL credit courses. Students will be placed into noncredit courses by the ESL placement process. Students may take ESL 210 concurrently with ESL 220 and ESL 230 to earn their Certificate of Competency and to be fully prepared for ESL 110A.

ESL 230 PREP FOR ACADEMIC ESL LISTENING/SPEAKING

0 Units

This FREE, noncredit, academic ESL listening and speaking course is part of a three course noncredit Certificate of Competency in Preparation for college ESL. Upon completing this course, students will have the listening comprehension skills and oral fluency appropriate for ESL 110A, the first course in our ESL credit courses. Students will be placed into noncredit courses by the ESL placement process. Students may take ESL 230 concurrently with ESL 210 and ESL 220 to earn their Certificate of Competency and to be fully prepared for ESL 110A.

ESL 242A LOW INTERMEDIATE LISTENING & SPEAKING

0 Units

This is a noncredit course in ESL Listening and Speaking at the Low Intermediate Level. Students will gain listening comprehension skills, oral fluency, study skills, and be introduced to Chabot College services and activities. Recommendation to take the course concurrently with ESL 110A. This course is part of a Certificate of Completion. **Strongly Recommended:** Eligibility for ESL 110A or , ESL 240A

ESL 242B INTERMEDIATE LISTENING & SPEAKING

0 Units

This is a noncredit course in ESL Listening and Speaking at the Intermediate Level. Students will gain listening comprehension skills, oral fluency, study skills and familiarity with Chabot College certificates, degrees and services. Recommendation to take the course concurrently with ESL 110B. **Prerequisite:** ESL 242A (completed with a grade of "P" or higher) Eligibility for: ESL 110B, or ESL 240B

ENTREPRENEURSHIP

See page 71 for more information about the Entrepreneurship department.

ENTR 1 INTRODUCTION TO ENTREPRENEURSHIP

3 Units

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

ENTR 5 THE ENTREPRENEURIAL MINDSET

3 Units

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

ENVIRONMENTAL STUDIES

See page 71 for more information about the Environmental Studies department.

ENST 1 INTRODUCTION TO ENVIRONMENTAL STUDIES

3 Units

An interdisciplinary investigation of environmental issues, including perspectives on environmental change and quality from the vantage points of history, geography, anthropology, philosophy and ethics, law, politics, economics, and social justice. **Strongly Recommended:** Eligibility for ENGL 1A

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

For the most current class information, scan the QR code for the searchable online class schedule at www.chabotcollege.edu/courses



ETHNIC STUDIES

See page 72 for more information about the Ethnic Studies department.

ES 1 INTRODUCTION TO ETHNIC STUDIES 3 Units

An introduction to the interdisciplinary study of race and ethnicity in the United States. The course will examine key topics such as racial discrimination, immigration, economics, labor, political conditions, cultural expression and resistance, social justice movements, racial and ethnic identity, and gender and sexuality. A comparative approach covering African American, Arab American, Asian American, Chicana/Latinx, Native American, and Pacific Islander American groups.

ES 4 INTRODUCTION TO LATINX STUDIES 3 Units

A pan-Latina/o, comparative, and interdisciplinary approach to major themes and issues related to the Latinx community in the U.S., including: race and racism, indigenous culture, colonialism, war, genocide, migration, transnationalism, citizenship, identity, language, gender, family, labor, neoliberalism, education, expression, and resistance. A critical examination of modern Latin American history and indigenous and African cultures connected to the Latinx diaspora, including Chicana/o, Mexican, Central American, South American, and Caribbean-American communities in the U.S.

ES 6 INTRO TO PACIFIC ISLANDS AND OCEANIA STUDIES 3 Units

An introduction to the studies of the Pacific Islands and Oceania and its Polynesian, Micronesian, and Melanesian communities.

ES 7 WOMEN OF COLOR IN THE US 3 Units

Critical examination of the historical and socio-cultural experiences of African American, Latinx/a, Asian American, Native American, Arab American, and Pacific Islander women through a feminist perspective. The course will study gender and how it intersects with race, ethnicity, nationality, class, sexuality, religion, and other systems of difference and power. (No credit if SOCI 7 has been completed).

ES 10 INTRODUCTION ASIAN AMERICAN STUDIES 3 Units

An examination of the experiences and perspectives of Asian Americans from mid-1800's to the present. Major topics will include immigration, law, citizenship, racialization, colonialism, imperialism, war, family, political involvement, social movements, education, and employment. Provides a comparative context for understanding the panethnic movement. May not receive credit if SOCI 10 has been completed.

FILM

See page 72 for more information about the Film department.

FILM 14 INTRODUCTION TO CINEMATIC ARTS 3 Units

Introduces the analysis of film and animation aesthetics. Examines form and content, aesthetics and meaning, and history and culture of film and animation. Topics include modes of production, narrative and non-narrative forms, visual design, editing, sound, genre, ideology and critical analysis. **Strongly Recommended:** Eligibility for English 1A.

FIRE TECHNOLOGY

See page 72 for more information about the Fire Technology department.

FT 1 PRINCIPLES OF EMERGENCY SERVICE 3 Units

This course introduces students to the philosophy and history of fire protection as well as to career opportunities in fire protection and related fields. This course is intended for students majoring in Fire Technology and Fire Prevention Inspector, or anyone interested in fire protection. (May not receive credit if Fire Tech 50 has been completed.) **Strongly Recommended:** ENGL 1A

FT 7 HEALTH AND FITNESS FOR THE FIRE SERVICE 3 Units

Health, wellness and physical fitness are examined from a global and occupational viewpoint. Emphasis on the Seven Dimensions of Wellness from a Fire Service perspective. An introduction to concepts of lifetime fitness and wellness with an emphasis on physical fitness and lifestyle choices. May not receive credit if KINE 24 has been completed.

FT 10 INTRODUCTION TO FIRE FIGHTER I ACADEMY 1.5 Units

This course provides an orientation to the Fire Fighter I Academy and introduces the applied operation and maintenance of basic rescue and fire suppression apparatus and equipment. Topics include radio communications, ropes, ladders, hose, personal protective equipment, tool operations, maintenance, and physical fitness training. (May not receive credit if Fire Tech 89 and Fire Tech 51W have been completed.) Advisory: Eligibility for ENGL 1, Eligibility for MTH 53 **Prerequisite:** FT 50 or FT 1 (completed with a grade of "C" or higher) or concurrent enrollment and EMS 1 (completed with a grade of "C" or higher) or concurrent enrollment and FT 88A (completed with a grade of "C" or higher) or concurrent enrollment. **Strongly Recommended:** EMS 2 and EMS 2W (completed with a grade of "C" or higher) or FT 52 or FT 2 and FT 53 or FT 3 (completed with a grade of "C" or higher) and FT 56 or FT 6 (completed with a grade of "C" or higher), INDT 74 (completed with a grade of "C" or higher).

FT 88A INTRODUCTION TO FIRE FITNESS TRAINING 1 Unit

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

FT 88B INTERMEDIATE FIRE FITNESS TRAINING 1 Unit

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

FT 88C ADVANCED FIRE FITNESS TRAINING 1 Unit

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

FT 88D TACTICAL FIRE FITNESS TRAINING 1 Unit

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

FT 95 WORK EXPERIENCE/FT 1 - 3 Units

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

FT 96 WORK EXPERIENCE SEMINAR/FT 1 Unit

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

FRENCH

See page 73 for more information about the French department.

FRNC 1A BEGINNING FRENCH

5 Units

In this course, you will be introduced 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.

FRNC 1B ELEMENTARY FRENCH

5 Units

In this course, you will further study the French-speaking cultures of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of French. **Prerequisite:** FRNC 1A (completed with a grade of "C" or higher) or , FRNC 1A2 (completed with a grade of "C" or higher)

GEOGRAPHY

See page 74 for more information about the Geography department.

GEO 1 INTRODUCTION TO PHYSICAL GEOGRAPHY

3 Units

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

GEO 1L INTRODUCTION TO PHYS GEOG LABORATORY

1 Unit

Practical application of the concepts, techniques, tools, and materials of physical geography. **Prerequisite:** GEO 1 may be taken concurrently.

GEO 2 CULTURAL GEOGRAPHY

3 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. Social, political, and economic elements of geography which contribute to the evolution of these global and regional cultural patterns. Field trips may be included.

HEALTH

See page 74 for more information about the Health department.

HLTH 1 INTRODUCTION TO PERSONAL HEALTH

3 Units

An exploration of major health issues and behaviors in the various dimensions of health (physical, emotional, intellectual/mental, social, spiritual, and environmental). Emphasis is placed on individual responsibility for personal health and the promotion of informed, positive health behaviors. Topics include psychological health, mental health, stress management, nutrition, exercise, weight management, chronic and infectious diseases, healthy relationships, sexual health, drug use and misuse, aging, and the health care system.

HLTH 16 HEALTHY WEIGHT LOSS

3 Units

This course focuses on physical, emotional, and spiritual aspects of weight management and health choices. Emphasis on acquiring knowledge and developing life skills necessary to achieve a healthy weight for improved wellness and disease prevention. Principles of positive psychology, evidence-based health practices, behavioral change strategies, and designing your life for whole-person wellness discussed.

HLTH 8 HUMAN SEXUALITY

3 Units

This course is an introductory overview of the field of human sexuality. Human sexuality will be examined from biopsychosocial perspectives.

HLTH 40 INTRODUCTION TO HEALTH PROFESSIONS

1.5 Units

Introduction to the diverse occupations and care systems in the health care and community wellness field, as well as to skills and personal characteristics needed in these professions.

HISTORY

See page 75 for more information about the History department.

HIS 1 WESTERN CIVILIZATION TO 1600

3 Units

This course covers the origin and development of civilization in the Mediterranean and its expansion into Europe - the Near East, Greece, Rome, the Middle Ages, Renaissance and the Reformation. Influences in religion, culture, technology and political structures that develop into European society of the early modern period will be studied.

HIS 12 HISTORY OF CALIFORNIA

3 Units

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

HIS 7 U.S. HISTORY THROUGH RECONSTRUCTION

3 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.

HIS 62 AFRICAN-AMERICAN HISTORY THRU CIVIL WAR

3 Units

A survey of the social, political, economic, and cultural history of the African American experience within the context of U.S. history from Early African History to the end of the Civil War. (May not receive credit if HIS 20, ES 20, or ES 62 has been completed successfully.)

HIS 8 U.S. HISTORY SINCE RECONSTRUCTION

3 Units

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

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

For the most current class information, scan the QR code for the searchable online class schedule at www.chabotcollege.edu/courses



HUMAN SERVICES* (See course listing under Psych-Counseling)

HUMANITIES

See page 76 for more information about the Humanities department.

HUMN 65 THE AMERICAN STYLE 3 Units
 Humanities in the United States. Major works of literature, painting, sculpture, architecture, film, music, philosophy, science, religion, and political and social institutions. Particular attention to values and meanings that reflect the American cultural experience.

HUMN 68 WORLD MYTHOLOGY 3 Units
 Introduction to mythic themes recurring in global literature, the visual arts, and music; gods, humans, heroes; their origins, variations, historical development, and full expression in classical times and continued presence in the arts. (Formerly HUMN 28)

INTERIOR DESIGN

See page 76 for more information about the Interior Design department.

ID 49 DIGITAL TOOLS FOR DESIGN/VISUAL COMM 3 Units
 Introduction to digital tools with computer-aided design drafting. The course will use state of the art digital drafting software as industrial standard. Students will develop skills in 2 dimensional commands and layering systems. May not receive credit if ARCH 3 or ARCH 68 has been completed.

LEARNING SKILLS

See page 77 for more information about the Learning Skills department.

LNSK 116 LEARNING SKILLS - DIAGNOSTIC CLINIC 2 Units
 Determination of eligibility for learning disabilities services through diagnostic testing. Includes state-mandated tests. Focus on compensatory methods as derived from test results.

LNSK 219 MATHEMATICS 0 Units
 Basic mathematics course designed to prepare students for Pre-Algebra. Course is designed for students with learning disabilities and students looking to strengthen mental math, arithmetic, and word problem solving. **Strongly Recommended:** LNSK 116 (completed with a grade of "P" or higher)

LNSK 119 LEARNING SKILLS: MATHEMATICS 3 Units
 Preparation for problem solving success in college for those with learning disabilities. Emphasis on quantitative reasoning abilities needed to process and integrate word problems and related problem solving tasks. Designed for students with identified learning disabilities. **Strongly Recommended:** LNSK 116 (completed with a grade of "P" or higher) Student may want to take the LNSK Diagnostic Clinic to determine if they are eligible for accommodations and services through DSPS

MACHINE TOOL TECHNOLOGY

See page 78 for more information about the Machine Tool department.

MTT 70 EXP OF PRECISION MANUFACTURING 2 Units
 Introduction to machine shop practices for exploration of the Machine Tool Technology field.

MARKETING* (See course listing under Business)

MATH

See page 80 for more information about the Math department.

MTH 1 CALCULUS I 5 Units
 Elements of analytic geometry, derivatives, limits and continuity, differentiation of algebraic and trigonometric functions, the definite integral. **Prerequisite:** MTH 20 or MTH 22 or both College Algebra (MTH 21 or MTH 31 or MTH 31S) and Trigonometry (MTH 36 or MTH 36S or MTH 37) or an appropriate skill level demonstrated through the mathematics assessment process.

MTH 4 ELEMENTARY DIFFERENTIAL EQUATIONS 3 Units
 Introduction to elementary differential equations, including first and second order equations, series solutions, Laplace transforms, and applications. **Prerequisite:** MTH 2 (completed with a grade of "C" or higher).

MTH 2 CALCULUS II 5 Units
 Continuation of differential and integral calculus. Techniques of integration, numerical integrations, parametric equations, polar coordinates, sequences, power series and Taylor series. Primarily for mathematics, physical science, and engineering majors. **Prerequisite:** MTH 1 (completed with a grade of "C" or higher)

MTH 6 ELEMENTARY LINEAR ALGEBRA 3 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 3 MULTIVARIABLE CALCULUS 5 Units
 Vector valued functions, functions of several variables, partial differentiation, multiple integration, Green Theorem, Stokes Theorem, Gauss Theorem and applications. **Prerequisite:** MTH 2 (completed with a grade of "C" or higher)

MTH 21 COLLEGE ALGEBRA FOR BSTEM 5 Units
 In this course students continue to build the algebraic skills necessary for success in future Business/STEM math courses. Concepts covered include polynomial, rational, radical, exponential, piecewise, and logarithmic functions and their graphs; nonlinear systems of equations and inequalities; theory of polynomial equations; and sequences and series. **Prerequisite:** MTH 55 (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 31 has been completed.

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MTH 22 TRIG WITH ANALYTIC GEOMETRY 5 Units

Students completing this course learn the trigonometric foundations necessary for success in Calculus and beyond. This course covers topics such as trigonometric functions and their graphs, trigonometric equations, solving triangles, polar coordinates, and includes an introduction to vectors. **Prerequisite:** MTH 21 or MTH 31 or MTH 31S or an appropriate skill level demonstrated through the Mathematics Assessment Process.

MTH 25 COMPUTATIONAL METHODS ENGINEERS/SCIENTISTS 3 Units

Methodology and techniques for solving engineering/science problems using numerical-analysis computer-application programs MATLAB, SimuLink, MuPad, and EXCEL. Technical computing and visualization using MATLAB software. Examples and applications from applied-mathematics, physical-mechanics, electrical circuits, biology, thermal systems, fluid systems, and other branches of science and engineering. May not receive credit if Engineering 25 or Physics 25 has been completed. **Prerequisite:** MTH 1.

MTH 43 INTRO/PROBABILITY & STATISTICS 4 Units

Descriptive statistics, including measures of central and dispersion; elements of probability; tests of statistical hypotheses (one and two populations); correlation and regression; ANOVA; applications in various fields. Introduction to the use of computer software package to complete both descriptive and inferential statistics problems. May not receive credit if Mathematics 35 has been completed. **Prerequisite:** MTH 53 (completed with a grade of "C" or higher) or , MTH 55 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. **Strongly Recommended:** Eligibility for ENGL 1

MTH 47 MATHEMATICS FOR LIBERAL ARTS 3 Units

An introductory study of several mathematical topics. Emphasis is placed on the use of mathematics to make informed decisions in different areas of daily life. Recommended for liberal arts students. **Prerequisite:** MTH 53 (completed with a grade of "C" or higher) or , MTH 53B (completed with a grade of "C" or higher) or , MTH 55 (completed with a grade of "C" or higher) or , MTH 55B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the mathematics assessment process.

MTH 210 MATH JAM FOR B-STEM 0 Units

This noncredit course reviews algebra and study skills required for success in transfer-level mathematics. This course is intended to prepare students for coursework in the Business and STEM pathways. If you need a refresher on algebra or you want to get a jump-start on your next math class, this course is for you!

MTH 220 MATH JAM FOR SLAM 0 Units

Review of algebra and study skills required for success in transfer-level mathematics. This course is intended to prepare students for coursework in the Statistics and Liberal Arts Mathematics pathway (non-STEM majors).

MTH 243W INTRODUCTION TO PROB & STATS WORKSHOP 0 Units

This noncredit course is part of a noncredit certificate Liberal Arts Math. This course is free and students may repeat this course until mastery of the skills are met. This is a great class for students who are transitioning to college-level math coursework, who are unsure of their abilities, or who have been out of school for while and want additional support while completing MTH 43. **Corequisite:** MTH 43

MEDICAL ASSISTING

See page 81 for more information about the Medical Assisting department.

MEDA 76 ELEC HEALTH RECORD FOR THE MEDICAL OFFICE 3 Units

Introduction to EHR (electronic health records). Enter patient information into health record, run reports and understand the flow of the medical office using EHR and practice management software.

MUSIC RECORDING TECHNOLOGY

See page 82 for more information about the Music Recording Technology department.

MURT 20 INTRODUCTION TO MUSIC TECHNOLOGY 3 Units

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

MURT 25 LIVE CONCERT SOUND 1 Unit

Sound design and amplification management for live music events. Management and manipulation of audio signal flow, interconnected amplification hardware, stage monitoring, and real-time audio signal processing for live audio events. Hands-on participation in on-campus live audio events.

MURT 50 MUSIC INDUSTRY INTERNSHIP 1 Unit

Internship in the music industry as approved by Music Recording & Technology faculty in the context of the student's coursework and interests in the MURT department. Cooperative effort between student and music industry supervisor to accomplish agreed upon work objectives and experiential goals. Student provides verification of service experience hours during the term. Music industry organization to be approved by MURT faculty. Hours and duties made in agreement between student and music industry supervisor. Students will meet on-campus with MURT faculty for one hour per week to discuss experience & progress. Faculty permission required for registration in the class. **Prerequisite:** MURT 21 and/or MURT 22A and/or MURT 28 (completed with a grade of "C" or higher)

MUSIC - LITERATURE, THEORY, AND MUSICIANSHIP

MUSL 1 INTRODUCTION TO MUSIC 3 Units

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

MUSL 3 WORLD MUSIC 3 Units

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

MUSL 4 HISTORY OF JAZZ MUSIC 3 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.

MUSL 8 HIST ROCK & ROLL/POPULAR MUSIC 3 Units

A cultural survey of original American music traditions, forms and trends as an instrument for expressing and understanding cultural identity. The focus will be on at least three of the following cultural groups: African Americans, Asian Americans, European Americans, Latin Americans and Native Americans.

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

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NURSING

See page 84 for more information about the Nursing department.

NURS 54 CLINICAL TOPICS NURSING 0.5 Units

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

NUTRITION

See page 84 for more information about the Nutrition department.

NUTR 1 INTRODUCTION TO NUTRITION SCIENCE 3 Units

Scientific concepts of nutrition related to the function of nutrients, sources and recommended intakes. Nutritional assessment and the role of nutrition in the maintenance of health. **Strongly Recommended:** CHEM 30A (completed with a grade of "C" or higher) and MTH 53 (completed with a grade of "C" or higher) and ENGL 1A (completed with a grade of "C" or higher)

PARALEGAL STUDIES

See page 85 for more information about the Paralegal Studies department.

PLGL 30 INTRODUCTION TO PARALEGAL STUDIES 3 Units

This course will introduce students to the responsibilities and duties of a paralegal. It will provide an overview of the paralegal profession, including the paralegal's role in the delivery of legal services. **Strongly Recommended:** ADMJ 50 (completed with a grade of "C" or higher)

PLGL 34 PROFESSIONAL RESPONSIBILITY & ETHICS 3 Units

This course provides students with a practical understanding of the professional codes of conduct and the general principles of ethical legal conduct governing the practice of law. **Strongly Recommended:** ADMJ 50 (completed with a grade of "P" or higher)

PLGL 35 ADV LEGAL WRITING & RESEARCH 3 Units

This course is designed to build upon the skills developed in Legal Writing and Research. This course will provide a more in-depth, advanced understanding of legal writing, research, proper citation format, and preparation of legal documents. **Prerequisite:** PLGL 31 (completed with a grade of "P" or higher)

PLGL 36 CONTRACT LAW 3 Units

This course will examine the fundamental elements of contract law, including the principals of formation, agreement, and consideration. Students will also learn contract interpretation, the necessary elements for creating legally enforceable contracts, and breach and remedies. **Strongly Recommended:** ADMJ 50 (completed with a grade of "C" or higher)

PHILOSOPHY

See page 85 for more information about the Philosophy department.

PHIL 50 INTRODUCTION TO PHILOSOPHY 3 Units

Introductory course in philosophy. Students will think critically and systematically about fundamental questions about knowledge, values, and reality that include the following and more: What do I know? What is justice? Does God exist? Do I have free will? What is the nature of the mind and self? Eligibility for: ENGL 1A or ENGL 1

PHIL 60 INTRODUCTION TO PHILOSOPHY: ETHICS 3 Units

This is an introductory course in ethics. To study ethics is to ask questions like: What is justice? Are there universal, absolute, or objective moral rules? Is human nature inherently good or evil? This course examines several historically important yet still prominent theoretical approaches to ethics, including Kant's deontology, Mill' utilitarianism, and Aristotle's virtue ethics. These theories will be applied to contemporary moral problems. **Strongly Recommended:** Eligibility for ENGL 1

PHOTOGRAPHY

See page 85 for more information about the Photography department.

PHOT 1A DIGITAL PHOTOGRAPHY I 3 Units

Introduction to the processes, principles, and tools of digital photography. Students will use a digital camera (DSLR, mirrorless, point & shoot or smartphone) to process images from capture to print. May not receive credit if PHOT 50 has been completed successfully.

PHOT 6A PHOTOSHOP 3 Units

Introduction to the use of Adobe Photoshop for retouching, editing, and compositing digital images. Students take their original photography and artistically adjust contrast, exposure and color balance to create enhanced compositions. May not receive credit if DIGM 6A or PHOT 66 have been successfully completed. **Strongly Recommended:** PHOT 1A

PHYSICAL EDUCATION - ADAPTIVE

See page 86 for more information about the Adaptive Physical Education department

ADPE ADSF ADAPTED STRETCH & FLEXIBILITY 0.5 Units

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

ADPE ADST ADAPTED STRENGTH TRAINING 0.5 Units

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

PHYSICAL EDUCATION - ATHLETICS

See page 86 for more information about the Athletics department.

ATHL BKMP PRE-SEASON INTERCOL MEN'S BASKETBALL 0.5 Units

This course is designed for students to increase their pre-season physical conditioning, skills/technique level, and knowledge in men's intercollegiate basketball. **Strongly Recommended:** Previous high level of competitive basketball experience and skill level. Approval of the instructor.

ATHL BKWP PRE-SEASON INTERCOL WOMEN'S BASKETBALL 0.5 Units

This course is designed for students to increase their pre-season physical conditioning, skills/technique level, and knowledge in women's intercollegiate basketball. **Strongly Recommended:** Previous high level of competitive basketball experience and skill level. Approval of the instructor.

ATHL DFTP PRE-SEASON INTERCOL DEFENSIVE FOOTBALL 1 Unit

This course is for pre-season intercollegiate football conditioning for the defense. The student will have the opportunity to analyze defensive techniques, develop training programs, and acquire a thorough working knowledge of the defensive side of the sport of football. **Strongly Recommended:** Student needs to have a high level of skills in football and prior playing experience. The instructor will evaluate if this is the appropriate class.

ATHL PRWR PRE-SEASON FOR COMPETITIVE WRESTLING 0.5 Units

Pre-season training and conditioning for men and women who plan to wrestle on the Chabot Intercollegiate Team. **Strongly Recommended:** Previous high school wrestling experience.

ATHL PSOF PRE-SEAS TRAINING OFFENSIVE FT 0.5 Units

This course is for pre-season intercollegiate offensive football conditioning. The student will have the opportunity to analyze offensive techniques, develop training programs, and acquire a thorough working knowledge of the sport of football. **Strongly Recommended:** Highly experienced in the sport of football and approval from the head coach.

ATHL SCMP MEN'S PRE-SEASON SOCCER CONDITIONING 0.5 Units

This course is designed to give students in men's soccer an understanding of the conditioning and training needed for intercollegiate soccer competition. **Strongly Recommended:** High level of soccer skill and previous competitive experience. This course is NOT for beginners.

ATHL SFTP PRE-SEASON INTERCOLLEGIATE SOFTBALL 0.5 Units

This course is for pre-season intercollegiate softball. The student will develop her softball skills through training programs designed for the intercollegiate level. An extensive softball background and previous experience is needed for success in this class. **Strongly Recommended:** Previous softball experience and background are required for success in this course. Instructor will evaluate each student's skill level to remain in this course.

ATHL TNPS PRE-SEASON TENNIS CONDITIONING 0.5 Units

This course is designed for intercollegiate players in men's and women's tennis. **Strongly Recommended:** A high level of ability to play competitive tennis. Prior background in competitive tennis is a must.

ATHL TRKP PRE-SEASON TRACK & FIELD 1 Unit

This course is for pre-season intercollegiate track and field conditioning. The student will have the opportunity to analyze techniques, develop training programs, and acquire a thorough working knowledge of the rules and conditioning concerning their events. **Strongly Recommended:** Student must have the skills and ability to compete at the intercollegiate level in community college track and field. This skill level will be evaluated by the instructor.

ATHL WSCP WOMEN'S PRE-SEASON SOCCER SPORTS COND 0.5 Units

This course is designed to give students in women's soccer an understanding of the conditioning needed for more advanced soccer skills and competition. **Strongly Recommended:** High level of soccer skill and previous competitive experience. **Strongly Recommended:** High level of soccer skills and a high level of personal fitness is required as a prerequisite for this course. This class is NOT for beginners.

PHYSICAL EDUCATION - DANCE

DANC HIP1 INTRODUCTION TO HIP HOP DANCE 0.5 Units

Beginning hip hop dance moves, techniques and patterns taught for student presentations and performance of this American Contemporary Dance Form.

DANC HIP2 ADVANCED BEGINNING HIP-HOP DANCE 0.5 Units

A dance class designed to teach beginning students further hip hop dance skills which will prepare them for intermediate hip hop dance class. Beginning hip hop dance knowledge will be increased by learning characteristics, techniques, routines and history of this form of American Contemporary Dance. **Prerequisite:** DANC HIP1 (completed with a grade of "C" or higher) or PEAC HIP1 (completed with a grade of "C" or higher)

DANC HIP3 INTERMEDIATE HIP HOP DANCE 0.5 Units

A dance class designed for students to learn the fundamental dance steps, class choreography and rhythmic structure of intermediate hip hop dance. **Prerequisite:** DANC HIP2 (completed with a grade of "C" or higher) or PEAC HIP2 (completed with a grade of "C" or higher)

DANC HIP4 ADVANCED HIP HOP DANCE 0.5 Units

Advanced hip hop dance techniques and patterns, routines, across the floor movement, choreography and improvisational group projects/presentations. **Prerequisite:** DANC HIP3 (completed with a grade of "C" or higher) or PEAC HIP3 (completed with a grade of "C" or higher)

PHYSICAL EDUCATION - HEALTHY AGING ADULT

HEAG FN50 FNCTNL MVMNT & BALANCE FOR MTR ADULT 0 Units

Develops balance and functional movement for the mature adult (50+ years in age). Course will include nutritional information to prevent hypertension and diabetes. Course is moderate to hard in intensity. **Strongly Recommended:** Approval from physician to start an exercise program.

HEAG SF50 STRENGTH AND FITNESS FOR MATURE ADULT 0 Units

Designed to increase the stamina, strength, and metabolism in the mature adult. Course will focus on adult type II diabetes prevention. **Strongly Recommended:** Prior to enrollment the student must get clearance from their physician to start an exercise program. This course is open to all but recommended for students 50 years and older.

HEAG SW50 CARDIO SWIMMING FOR MATURE ADULT 0 Units

Designed to improve cardiovascular fitness in the older adult. Emphasis on swimming with the aerobic target heart rate training zone. Instruction will also address personal nutrition, hypertension and the prevention of adult type II diabetes.

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

For the most current class information, scan the QR code for the searchable online class schedule at www.chabotcollege.edu/courses



PHYSICAL EDUCATION - KINESIOLOGY

See page 88 for more information about the Kinesiology department.

KINE 1 INTRO TO KINESIOLOGY & PHYSICAL EDUCATION 3 Units

This is an introductory course that surveys various sub disciplines related to the study of human movement. Students will examine the areas of history, sociology, biomechanics, physiology, and psychology, as they relate to the sport and exercise environment. May not receive credit if Physical Education 20 has been completed.

KINE 3FT INTRODUCTION TO COACHING FOOTBALL 2 Units

This course is designed to teach the basics of coaching football. Basic offensive and defensive drills and teamwork will be taught. Individual position skills and development will be introduced along with team training and structure.

KINE 4 INTRODUCTION TO SPORTS MANAGEMENT 3 Units

Introduction into the field of sports management. Career opportunities, human resource management, leadership, strategic planning, teamwork, ethics and values, marketing and advertising, finance, managing facilities, sports and the law, economics of sport and community impact. May not receive credit if Physical Education 60 has been completed.

KINE 7 INTRODUCTION TO LIFETIME FITNESS 3 Units

Designed for students to take control of their personal health and cope with the changes that will occur in their physical abilities as they age. Includes skills, techniques and information to help adapt activity through the aging process with emphasis on physical activity appropriate for age group. May not receive credit if Physical Education 59 has been completed.

KINE 11 NUTRITION FOR SPORTS & HUMAN PERFORMANCE 3 Units

An investigation into the role nutrition plays in sports and human achievement. Determination of optimum hydration and nutrient intake in relation to activity. May not receive credit if Physical Education 58 has been completed.

KINE 12FT OFFICIATING FOOTBALL 2 Units

This course is designed to teach the Fundamentals of Football Officiating, National Federation Rules, Responsibilities, On the Field Mechanics & Concepts of Officiating high school football.

KINE 12TK INTR TRACK & FIELD OFFICIATING 2 Units

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

KINE 23 TECHNIQUES STRENGTH TRAIN INST 3 Units

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

KINE 70 HIST PHIL SPORT AND PHYS ACTIV 3 Units

History and philosophy of sport and physical activity from antiquity to today. Special consideration is given to the development of sport and physical activity (physical education) in North America.

PHYSICAL EDUCATION

PEAC AQA1 AQUA AEROBICS 0.5 Units

A conditioning workout that emphasizes cardiovascular endurance activities in the pool. After sufficient warm-up, water exercises will be performed by students. Student need not be a swimmer to participate in this class. Students will learn about training and prevention of metabolic syndrome through diet and exercise in this course

PEAC ARH1 ARCHERY 1 0.5 Units

This beginning course in archery has an emphasis on safety, knowledge, and basic skill development in a variety of beginning archery activities.

PEAC ARH2 INTERMEDIATE ARCHERY 0.5 Units

The course is designed to allow archers, who have completed beginning archery (ARH1), an arena to enhance their archery knowledge and skill level. **Prerequisite:** PEAC ARH1 (completed with a grade of "P" or higher).

PEAC ARH3 ADVANCED ARCHERY 0.5 Units

Advanced instruction in Archery and bowmanship. **Prerequisite:** PEAC ARH2 (completed with a grade of "P" or higher).

PEAC ARH4 TOURNAMENT ARCHERY 0.5 Units

Designed to allow the advanced archer to hone their competitive shooting skills a tournament setting. **Prerequisite:** PEAC ARH3 (completed with a grade of "P" or higher).

PEAC BSK1 INTRODUCTION TO BASKETBALL 0.5 Units

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

PEAC BSK2 INTERMEDIATE BASKETBALL 0.5 Units

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

PEAC BSK3 ADVANCED BASKETBALL 0.5 Units

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

PEAC BSK4 PRE-COMPETITIVE BASKETBALL 0.5 Units

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

PEAC BTC1 BEGINNING BOOT CAMP 0.5 Units

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

PEAC BTC2 INTER BOOT CAMP TRAINING 0.5 Units

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

PEAC FUN1 CORE CONDITIONING ABS & HIPS 0.5 - 1 Unit

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

PEAC FUN2 INTERM FUNCTIONAL TRAINING FOR FAT LOSS 0.5 - 1 Unit

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

PEAC FUN3 ADVANCED FUNCTIONAL TRAINING: FAT LOSS 0.5 - 1 Unit

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

PEAC FUN4 FAT LOSS THROUGH FUNCTIONAL TRAINING 0.5 - 1 Unit

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

PEAC HTA1 GUTS AND BUTTS WORKOUT 0.5 Units

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

PEAC HTA2 INTERM HIPS, THIGHS & ABS 0.5 Units

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

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PEAC HTA3 ADV HIPS, THIGHS & ABS WORKOUT

0.5 Units

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

PEAC HTA4 EXTREM HIPS THIGHS ABS WORKOUT

0.5 Units

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

PEAC PIL1 INTRODUCTION TO PILATES

0.5 Units

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

PEAC PIL2 INTERMEDIATE PILATES

0.5 Units

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

PEAC PIL3 ADVANCED PILATES

0.5 Units

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

PEAC PIL4 FUNCTIONAL PILATES

0.5 Units

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

PEAC SWM1 BEGINNING SWIMMING

0.5 Units

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

PEAC SWM2 INTERMEDIATE SWIMMING

0.5 Units

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

PEAC SWM3 ADVANCED SWIMMING

0.5 Units

Designed for those students who would like to learn advanced strokes of swimming. **Prerequisite:** PEAC SWM2 (completed with a grade of “C” or higher).

PEAC SWM4 HIGH LEVEL SWIMMING

0.5 Units

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

PEAC TEN1 INTRODUCTION TO TENNIS

0.5 Units

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

PEAC TEN2 INTERMEDIATE TENNIS

0.5 Units

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

PEAC TEN3 ADVANCED TENNIS

0.5 Units

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

PEAC TEN4 TOURNAMENT TENNIS

0.5 Units

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

PEAC WEI1 INTRODUCTION TO WEIGHT TRAINING

0.5 Units

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

PEAC WEI2 INTERMEDIATE WEIGHT TRAINING

0.5 Units

Designed to focus on increasing the muscular hypertrophy of the prime movers. Workout templates will be provided that stimulate and provoke high and positive chemical changes within the muscle system. **Prerequisite:** PEAC WEI1 (completed with a grade of “P” or higher).

PEAC WEI3 ADVANCED WEIGHT TRAINING

0.5 Units

Designed to teach the student advanced lifts and training methods in weight training and to develop the highest level of force and to become significantly stronger through the use of muscular strength training stimulus. The student will learn to synchronize their muscles involved in the exercise. **Prerequisite:** PEAC WEI2 (completed with a grade of “P” or higher).

PEAC WEI4 WEIGHT TRAIN MUSCULAR POWER

0.5 Units

This is a course designed to increase the muscular power of the student through high velocity training. Emphasis on improving neuromuscular coordination through the utilization of the stretch-reflex principle and higher rates of acceleration through lighter training loads. **Prerequisite:** PEAC WEI3 (completed with a grade of “P” or higher).

PEAC WLK1 WALKING FOR FITNESS

0.5 Units

This course is for students of all fitness levels who would like to utilize walking as a fitness enhancing activity. Walking routes begin on campus and explore a multitude of nearby parks and trails. Topics to be discussed include: fitness and health assessment, equipment and safety, walking techniques, motivation, nutrition basics, program design and evaluation, volkssporting and more.

PEAC WLK2 ADVANCED WALKING FOR FITNESS

0.5 Units

This is course is for students of intermediate-to-advanced fitness levels who would like to utilize walking as a fitness enhancing activity. Walking routes are on campus and will utilize the stadium bleachers, stairs and track. Multiple discussion topics will include: interval training, fitness and health assessment, equipment and safety, walking techniques, motivation, nutrition basics, program design and evaluation. Students will learn about target heart rate training and recording and monitoring their heart rate in this course. **Prerequisite:** PEAC WLK1 (completed with a grade of “P” or higher).

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

For the most current class information, scan the QR code for the searchable online class schedule at www.chabotcollege.edu/courses



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PEAC WLK3 ADVANCED CARDIO FITNESS THRU WALKING 0.5 Units

Designed to develop advanced cardiovascular fitness through walking and a series of supplemental exercises. **Prerequisite:** PEAC WLK2 (completed with a grade of "P" or higher).

PEAC WLK4 WALK JOG FOR TOTAL FITNESS 0.5 Units

The fourth in a series of walking fitness courses to improve cardiovascular fitness. The goal of this course is bridge the gap between walking and jogging through a gradual and progressive training plan. **Prerequisite:** PEAC WLK3 (completed with a grade of "P" or higher).

PEAC YOG1 INTRODUCTION TO YOGA 0.5 Units

This course explores the basic principles of Hatha Yoga and how they apply to achieving lifetime fitness. It incorporates yoga postures (asanas) designed to strengthen and tone the body. Breathing exercises, relaxation and meditation techniques are learned and practiced throughout the course.

PEAC YOG2 INTERMEDIATE YOGA 0.5 Units

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

PEAC YOG3 ADVANCED YOGA 0.5 Units

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

PEAC YOG4 YOGA FOR LIFE 0.5 Units

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

PHYSICS

See page 91 for more information about the Physics department.

PHYS 18 PREPARATORY PHYSICS 3 Units

Basic problem solving techniques in mechanics as preparation for Physics 2A and Physics 4A. Methods and strategies used to solve quantitative Physics problems. Intended for liberal arts, mathematics, engineering, and science students. Emphasis on group problem-solving activities, diversity in problem-solving approaches, and detailed oral and written presentation of solutions. **Strongly recommended:** Math 36 or Math 37 (completed with a grade of "C" or higher) or equivalent.

PHYS 25 COMPUTATIONAL METHODS ENGINEERS/SCIENTISTS 3 Units

Methodology and techniques for solving engineering/science problems using numerical-analysis computer-application programs MATLAB, SimuLink, MuPad, and EXCEL. Technical computing and visualization using MATLAB software. Examples and applications from applied-mathematics, physical-mechanics, electrical circuits, biology, thermal systems, fluid systems, and other branches of science and engineering. May not receive credit if Engineering 25 or Mathematics 25 has been completed. **Prerequisite:** MTH 1.

POLITICAL SCIENCE

See page 91 for more information about the Political Science department.

POSC 1 INTRODUCTION TO AMERICAN GOVERNMENT 3 Units

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

POSC 20 COMPARATIVE GOVERNMENT 3 Units

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

POSC 12 INTRO CA STATE AND LOCAL GOVERNMENT 3 Units

Organization and operation of government and politics at the state, county and municipal level; emphasis on current issues and the influences of historical, geographical, political, economic and social factors on public policy. **Strongly recommended:** Eligibility for English 1A, Political Science 1.

POSC 25 INTRODUCTION TO POLITICAL THEORY 3 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 English 1A and completion of Political Science 1.

PSYCHOLOGY

See page 92 for more information about the Psychology department.

PSY 1 GENERAL PSYCHOLOGY 3 Units

Introduces 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:** ENGL 1A

PSY 6 ABNORMAL PSYCHOLOGY 3 Units

An overview of the field of abnormal psychology. Introduces students to the major classifications of mental health disorders from the perspective of symptoms and behavior, causes, diagnosis and treatment. Examines historical, socio-cultural and contemporary understanding of mental illness. Includes disorders of mood, anxiety, psychosis, substance abuse, personality and other disorders in adults and children. **Strongly Recommended:** ENGL 1A

PSY 5 INTRODUCTION STATS FOR BEH & SOC SCI 4 Units

Statistics as applied to the behavioral and social sciences. Applications using data from disciplines including psychology, social sciences, business, life science, techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include: descriptive and inferential statistics; probability and sampling distributions; correlation and linear regression; analysis of variance (ANOVA), chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. **Strongly Recommended:** ENGL 1A. **Prerequisite:** MTH 53 (completed with a grade of "C" or higher) or , MTH 53B (completed with a grade of "C" or higher) or , MTH 54 (completed with a grade of "C" or higher) or , MTH 54L (completed with a grade of "C" or higher) or , MTH 55 (completed with a grade of "C" or higher) or , MTH 55B (completed with a grade of "C" or higher) or MTH 55L (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Early Assessment Program or an appropriate skill level demonstrated through the Mathematics Assessment process.

PSY 12 LIFESPAN PSYCHOLOGY 3 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.

PSYCHOLOGY-COUNSELING

See page 92 for more information about the Psychology-Counseling department.

PSCN 10 CAREER AND EDUCATION PLANNING 2 Units

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

PSCN 18 UNIVERSITY TRANSFER PLANNING 1 Unit

Introduction to the resources and planning process needed to ease transition from community college to a four-year college or university. Development of a transfer action plan. Preparation for major and general education requirements. Application cycles and important deadlines. Recommended for those transferring to four-year colleges or universities.

PSCN 20 THE COLLEGE EXPERIENCE 2 Units

This course is designed to support student success at every level. Students will have an opportunity to work with a counselor for the entire semester. Topics include academic skills development, time management, access to campus resources, and education planning.

PSCN 23 CREATING SUCCESS IN COLLEGE AND LIFE 3 Units

A course designed to equip students for lifelong learning and developing critical thinking that will facilitate their adjustment to the college environment and the successful pursuit of their educational and career goals. This course provides an introduction to academic skills and strategies, campus resources and activities, decision making and planning, college policies and procedures, interpersonal communication, stress management techniques, self-exploration and goal setting, and student rights and responsibilities.

PSCN 24 PERSONAL GROWTH 1 Unit

The course is designed for students with disabilities to improve life management skills. Through this course, students explore behaviors by interacting with others and improving interpersonal skills to benefit academic, career, and personal development.

REAL ESTATE

See page 93 for more information about the Real Estate department.

REST 80 REAL ESTATE PRINCIPLES 3 Units

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

REST 81A LEGAL ASPECTS OF REAL ESTATE 3 Units

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

REST 82A REAL ESTATE APPRAISAL 3 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.

REST 83 REAL ESTATE FINANCE 3 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.

REST 84 REAL ESTATE PRACTICE 3 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.

REST 88 REAL ESTATE PROPERTY MANAGEMENT 3 Units

Problems encountered by owners and resident managers of residential and commercial income properties; application of sound business principles in the pursuit of operational effectiveness. **Strongly recommended:** Real Estate 80.

RELIGIOUS STUDIES

See page 94 for more information about the Religious Studies department.

RELS 50 RELIGIONS OF THE WORLD 3 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.

SIGN LANGUAGE

See page 94 for more information about the Sign Language department.

SL 64 ASL BEGINNING SIGN LANGUAGE 3 Units

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

SL 65 ASL INTERMEDIATE SIGN LANGUAGE 3 Units

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

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

For the most current class information, scan the QR code for the searchable online class schedule at www.chabotcollege.edu/courses



SUMMER 2024 COURSES

SOCIOLOGY

See page 94 for more information about the Sociology department.

SOCI 1 PRINCIPLES OF SOCIOLOGY 3 Units

An introduction to the study of sociology which includes an examination of major theories, research methodology, culture, socialization, deviance, social class, race, gender, and social change.

SOCI 3 INTRODUCTION TO RACE & ETHNIC RELATIONS 3 Units

Analysis of racial and ethnic relations in the United States from a sociological perspective. **Strongly Recommended:** SOCI 1

SPANISH

See page 95 for more information about the department.

SPA 1A BEGINNING SPANISH 5 Units

In this course, you will be introduced 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 ENGL 1

SPA 1B ELEMENTARY SPANISH I 5 Units

In this course, you will further study the Spanish-speaking cultures of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of Spanish. **Prerequisite:** SPA 1A (completed with a grade of "C" or higher) or , SPA 1A2 (completed with a grade of "C" or higher)

THEATER ARTS

See page 95 for more information about the Theater Arts department.

THTR 10 INTRODUCTION TO THEATER ARTS 3 Units

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

THTR 47A INTRODUCTION TO COLLEGE THEATER ACTING 3 Units

This course provides instruction and supervised participation in theater rehearsal and performance in main season production or project. Enrollment is for duration of the production.

THTR 30A INTRODUCTION TO EMERGING WORK 3 Units

Development of new plays for staged readings and/or productions. This class will develop and perform plays for an audience, with an emphasis on the evolution of the dramatic texts. Special projects, such as specific textural challenges, may be included.

THTR 47B COLLEGE THEATER ACTING- BASICS 3 Units

This is a continuation of THTR 47A, as students further their acting skills in a college production. This course emphasizes character development, along with objectives, actions and obstacles. **Prerequisite:** THTR 47A (completed with a grade of "C" or higher)

THTR 30B BASICS OF EMERGING WORK 3 Units

This is continuation of THTR 30A, the development of new plays and/or other special projects for production and/ or readings. This course emphasizes character study and scene breakdown. **Prerequisite:** THTR 30A (completed with a grade of "C" or higher)

THTR 47C COLLEGE THEATER ACTING: INTERMEDIATE 3 Units

This is a continuation of THTR 47B for furthering a student's skill as an actor in a college production. Emphasis in this course will be on effective rehearsal techniques, generous responses, and ensemble building. **Prerequisite:** THTR 47B (completed with a grade of "C" or higher)

THTR 30C EMERGING WORK READING WORKSHOP 3 Units

This is a continuation of THTR 30B, as students further their skills in the development of new dramatic material. This course emphasizes character development and story arc, culminating in the staged reading, the reading workshop. **Prerequisite:** THTR 30B (completed with a grade of "C" or higher)

THTR 47D COLLEGE THEATER ACTING: ADVANCED 3 Units

This is a continuation of THTR 47C, where students further developing their skills as actors in a college production. This course will emphasize the polish in performance, the evaluation of one's work and the development of a personal, creative process. **Prerequisite:** THTR 47C (completed with a grade of "C" or higher)

THTR 30D EMERGING WORKSHOP PRODUCTION 3 Units

This is the capstone course of the THTR 30 track, where students continue to hone their skills in the development of new work and/or other special projects for the stage. This course will emphasize an actual staged production near the end of the term, with instruction in student directing, stage management, elemental production values of lights, sound and costumes. **Prerequisite:** THTR 30C (completed with a grade of "C" or higher)

SUMMER AUDITABLE COURSE

SUBJECT	COURSE	SECTION	CORSE TITLE	CRN	INSTRUCTOR	MODALITY
PLGL	36	AU1	Contract Law	10855	Vahishta Pakpour	ONLINE

ACCOUNTING* (See course listing under Business)

ADMINISTRATION OF JUSTICE

We offer both Associate in Arts (AA) and Associate in Science (AS-T) degree programs that prepares students interested in a career in:

- Law enforcement
- Police, community or corrections officer
- Pre-law
- Criminal justice

Our program is taught using well-established academic theories in the social sciences and from the perspective of the practitioner. With this, our students are aware and understands what administration of justice professionals do as well as an appreciation of the political, social, cultural, and philosophical forces that shape policies and practices in the administration of justice system.

Our two-year program combines instruction in corrections, law enforcement, and security with general education courses. The program has been authorized by the Commission on Peace Officer Standards and Training and the Board of Corrections to offer certain technical and specialized courses.

Chabot College has been a proud participant in the 2+2+3 Pathway to Law School Initiative since its inception. We are currently updating our program and will resume our participation upon completion. Please check back soon for additional information!



ADMJ 41 LEGAL PERSUASION & ARGUMENT

3 Units

Students will learn strategies for recognizing and evaluating the conflicting statements of others, including victims, witnesses, experts, and other professionals within the field of administration of justice. Upon completion of this course students will be able to think independently and support their own arguments with research and logic. **Strongly Recommended:** ADMJ 50 (completed with a grade of "C" or higher)

ADMJ 42 LEADERSHIP AND INTEGRITY

3 Units

This course will examine the impact of leadership, effective communication and organizational integrity in establishing trust in the administration of justice system. Beginning with initial contact with citizens to adjudication and punishment, this course will analyze the challenges of the complex procedures and processes that impact the legal system and the lives of people. The course will emphasize the importance of ethical behavior and ethical leadership by individuals and organizations as a philosophy.

ADMJ 50 INTRODUCTION TO ADMIN OF JUSTICE

3 Units

This course covers the history, theory, and philosophy of administration of justice in the United States. Particular emphasis is placed on the principles, operational practices, and structure of the police, courts, and corrections agencies. Students are introduced to the origins and development of criminal law, legal processes, and sentencing and incarceration policies. Students examine the methods of crime measurement, explanations of crime, and the challenges and opportunities for law enforcement in a diverse society.

ADMJ 55 INTRODUCTION TO CORRECTIONAL SCIENCE

3 Units

This course focuses on the major programs within the corrections component of the criminal justice system. It includes analysis of probation, institutional treatment, parole, and community corrections programs. Development of corrections philosophy, theory, and practice will be presented with emphasis on constitutional rights of offenders. **Strongly Recommended:** ADMJ 50

ADMJ 60 CRIMINAL LAW

3 Units

This course offers an analysis of the doctrine of criminal liability in the United States and classification of crimes against persons, property, morals, and public welfare. Emphasis is placed on the classification of crime, elements of particular crimes, and defenses to crime. This course utilizes case law and case studies to introduce students to criminal law.

ADMJ 61 EVIDENCE

3 Units

This course examines the origins, development, philosophy and the constitutional basis for the rules of evidence. During the course of the semester, we will explore the rules and policies governing the kinds of information which can be received at trial, how evidence can be properly developed and obtained by law enforcement officers, and how evidence may be considered by the judge and/or jury. Topics are considered from both a theoretical and a practical viewpoint. **Strongly Recommended:** ADMJ 50 , ADMJ 60

ADMJ 63 CRIMINAL INVESTIGATION

3 Units

This course addresses the techniques, procedures, and ethical issues in the investigation of crime, including organization of the investigative process, crime scene searches, interviewing and interrogating, surveillance, source of information, utility of evidence, scientific analysis of evidence and the role of the investigator in the trial process. **Strongly Recommended:** ADMJ 50 and , ADMJ 60

ADMJ 70 COMMUNITY RELATIONS

3 Units

This course examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. Topics covered include crime prevention, restorative justice, conflict resolution, religion, law ethics, and current best practices to enhance public safety while building trust. **Strongly Recommended:** ADMJ 50

ADMJ 80 CRIMINAL COURT PROCESS

3 Units

This course examines due process and the constitutional, statutory and rule-based issues that arise in the formal processing of a criminal case from pre-arrest through that and appeal. **Strongly Recommended:** ADMJ 50 , ADMJ 60

ADMJ 85 INTRODUCTION TO FORENSICS

3 Units

This course provides an introduction to the role of forensics in criminal investigations. It examines the methods utilized in the forensic analysis of crime scenes, pattern evidence, instruments, firearms, documents and controlled substances. **Strongly Recommended:** ADMJ 50

ANTHROPOLOGY

Anthropology is the scientific study of humanity across time and space, concerned with human behavior, human biology, societies, and past human species. The human species is too complex to be studied using one focus; therefore, Anthropology is divided into four major subfields:

Linguistics

The study of human communication.

Archaeology

The study of human material remains to understand behavior

Biological

Studies human biology and behavior

Sociocultural

The study of human culture and society



Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

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ANTH 1 BIOLOGICAL/PHYSICAL ANTHROPOLOGY 3 Units

Humans as a biological species through the examination of human evolutionary biology and genetics, comparative primate anatomy and behavior, and fossil evidence. **Strongly Recommended:** Eligibility for ENGL 1A or , Eligibility for ENGL 1

ANTH 1L BIOLOGICAL/PHYSICAL ANTHRO LAB 1 Unit

Laboratory activities and exercises developed as an adjunct to Anthropology 1. Topics include evolutionary theory, genetics, human diversity, primate comparative anatomy and behavior, and the human fossil record. **Prerequisite:** ANTH 1 may be taken concurrently **Strongly Recommended:** Eligibility for ENGL 1A or , Eligibility for ENGL 1

ANTH 2 INTRODUCTION TO ARCHAEOLOGY 3 Units

This course is an introduction to the study of concepts, theories, data and models of anthropological archaeology that contribute to our knowledge of the human past. The course includes a discussion of the nature of scientific inquiry; the history and interdisciplinary nature of archaeological research; dating techniques; methods of survey, excavation, analysis, and interpretation; cultural resource management; professional ethics; and selected cultural sequences. This course may include a lab component. **Strongly Recommended:** Eligibility for ENGL 1A

ANTH 3 SOCIAL/CULTURAL ANTHROPOLOGY 3 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, behavior. Emphasis on understanding other cultures on their own terms. Includes the many subcultures making up North American populations. **Strongly Recommended:** Eligibility for ENGL 1 or , ENGL 1A

ANTH 12 MAGIC, RELIGION, WITCHCRAFT AND HEALING 3 Units

Cross-cultural perspectives on spirituality, religious practice, myth, ancestor beliefs, witchcraft and the variety of religious rituals and practitioners found in the cultures of the world. Examination of the cosmologies of different cultures through the anthropological perspective. Emphasis is placed on how knowledge of the religious practices and beliefs of others can help us to understand the multicultural world in which we live. Comparison of the ways in which diverse cultures confront the large and fundamental questions of existence: those dealing with the meaning of life, birth and death, and with the relationship of humans to each other and to their universe. **Strongly Recommended:** Eligibility for ENGL 1A or , ENGL 1

ANTH 13 INTRODUCTION TO FORENSIC ANTHROPOLOGY 3 Units

An introductory course in the application of physical anthropology to the medico-legal process with an emphasis on the identification of human skeletal remains. Includes the basic human osteology and odontology, assessment of age at time of death, sex, ancestry, trauma analysis, pathology, and general physical characteristics including height and weight based upon minimal skeletal remains. Estimation of time since death, crime scene analysis, animal scavenging, and identification procedures. **Strongly Recommended:** Eligibility for ENGL 1A

ANTH 13L FORENSIC ANTHRO LAB 1 Unit

The Forensic Anthropology Laboratory is a hands-on adjunct to the Forensic Anthropology lecture course. Students will have the opportunity to conduct fieldwork, and work with casts of human bones and teeth to figure out the identity of a person, and cause and manner of death. **Strongly Recommended:** Eligibility for ENGL 1 or , Eligibility for ENGL 1A **Prerequisite:** ANTH 13 (completed with a grade of "C" or higher) (may be taken concurrently)

ARCHITECTURE

Architects are in charge of much of the worlds structure-past or present. They create, design and construct buildings with the space within the site provided. Architecture involves both the process and product of planning, designing and constructing the forms, spaces and environment that reflect its function, technical, social, and aesthetic appreciation. It requires creative manipulation and coordination of materials, technology, and playing of the light and shadow.

Chabot Colleges' Architecture and Interior Design Academy within School of the Arts has much to offer along with multiple programs. The divisions vary from: Architectural Engineering, 3D-modeling, AutoCAD, Architecture, City and Regional Planning, Construction Management, Landscape Architecture, Interior Design and much more. Chabot College Architecture provides a positive influence, atmosphere and attitude on the impact that helps mold the creations of the planning, design and construction worlds.

Chabot College wants the best for its students and the excellent programs offered within CCC excel in further educating the architects of tomorrow. We also form our lab to be Building Information Modeling (B.I.M.). CCC's Architecture program is different from most of the other schools, for it offers active hands on learning experience; as well as extremely helpful, knowledgeable and enthusiastic professors who offer a personal instructional relationship with a broad range of academics and requirements to help its students strive for a more successful and professional practice. The Architecture and Interior Design Academy has many professional opportunities. We offer Associate of Arts in Architecture (AA), Certificate of Architecture Technology, as well as, Architectural Internship in correlation with Architecture/Engineering/Construction (A/E/C) firms.

ARCH 2A DESIGN AND VISUAL COMMUNICATION I 3 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.

ARCH 2B DESIGN AND VISUAL COMMUNICATION II 3 Units

Continuation of the content and issues introduced in Architecture 2A plus the theories and methods for applying shadows, reflections, materials, and entourage in a variety of drawing types. **Prerequisite:** ARCH 2A.

ARCH 3 DIGITAL TOOLS FOR DESIGN & VISUAL COMM 3 Units

Introduction to digital tools with computer-aided design drafting. The course will use state of the art digital drafting software as an industrial standard. Students will develop skills in 2 dimensional commands and layering systems. May not receive credit if ID 49 or ARCH 68 has been completed.

ARCH 4A ARCH DRAFTING PRINCIPLES I 3 Units

Introduction to principles and practice of architectural drafting with emphasis on working drawings for wood frame construction. **Prerequisite:** ARCH 3 (same as ID 49) or ARCH 68 or ID 49.

ARCH 4B ARCH DRAFTING PRINCIPLES II 3 Units

Advanced architecture drafting principle with emphasis on architectural working drawings for non-residential buildings. **Prerequisite:** ARCH 4A (completed with a grade of "C" or higher)

ARCH 8A FUNDAMENTALS OF ARCH DESIGN I 4 Units

Introduction to the architecture theories, principles, and methods of architectural design. Studio projects use traditional and digital media methods for presentations. **Prerequisite:** ARCH 2B (completed with a grade of "C" or higher)

ARCH 12 CONSTRUCTION MATERIALS &METHOD 3 Units

Introduction to the methods and materials used in contemporary and historical building construction. This is a perfect option for contractors, builders and all sub-trades looking to update their skills!

ARCH 16 PEOPLE AND ENVIRONMENT DESIGN 3 Units

Principles of landscape architecture emphasizing design concepts as they relate to site, building, and client requirements. Includes site analysis, land use patterns, circulation, layout, planting materials, irrigation. The general design process and outcome are examined in context of relationships between people and the environments, both natural and man-made, with focus on sustainable design principles applied to passive environmental control, landscaping, functional adaptation, social and economic impacts, integrating their influences in community development and urban planning.

ART

The Chabot College Studio Art Department offers a range of courses in Art including Drawing, Painting, Ceramics, and Sculpture. Students will enrolled in Studio Art courses will have the opportunity to develop technique, visual sensibility, and historical understanding necessary for working in various media. An understanding and exploration of the meanings and ideas generated by the things we make, and an awareness of the satisfaction inherent in the process of “the making,” are essential parts of the program. Students study side-by-side with talented and caring faculty members who are committed to helping turn aspirations into accomplishments.



ART 2A INTRODUCTION TO DRAWING 3 Units

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

ART 2B DRAWING AND COMPOSITION 3 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 IN DRAWING 3 Units

Individual project development for advanced drawers to create a personal and dynamic related body of eight drawings. **Prerequisite:** ART 2B (completed with a grade of “C” or higher)

ART 3A FIGURE AND COMPOSITION I 3 Units

Introduction to drawing the human figure from observation experience required. **Strongly Recommended:** ART 2A (completed with a grade of “C” or higher)

ART 3B FIGURE AND COMPOSITION II 3 Units

Figure and Composition I. Emphasis on color and conceptual themes in the drawing of the human form. Live model drawing. **Prerequisite:** ART 3A (completed with a grade of “C” or higher).

ART 3C FIGURE AND COMPOSITION III 3 Units

Continued development of knowledge and skills further developed in Figure and Composition II. Live model drawing. **Prerequisite:** ART 3B (completed with a grade of “C” or higher)

ART 3D FIGURE AND COMPOSITION IV 3 Units

Continued development and skills further developed in Drawing IV. Live model drawing. **Prerequisite:** ART 3C (completed with a grade of “C” or higher)

ART 7A INTRODUCTION TO WATERCOLOR PAINTING 3 Units

Introduction to the materials, methods, techniques of watercolor painting. Students will create watercolor paintings, exploring its effects and possibilities. **Strongly Recommended:** ART 2A

ART 7B INTERMEDIATE WATERCOLOR PAINTING 3 Units

Continued development of knowledge and techniques on intermediate watercolor techniques that advance the student’s skills and portfolio of paintings. **Prerequisite:** ART 7A (completed with a grade of “C” or higher)

ART 7C ADVANCED WATERCOLOR PAINTING I 3 Units

Builds upon the skills and techniques introduced in Intermediate Watercolor, so that the student can solve composition problems as well as begin to utilize personal expressions. Emphasizes composition, concept and visualization skills. **Prerequisite:** ART 7B (completed with a grade of “C” or higher)

ART 7D ADVANCED WATERCOLOR PAINTING II 3 Units

Continued development of skills and techniques introduced in Advanced Watercolor I, directed towards individual needs. Student artist is directed to develop personalized imagery and begin to settle on individual techniques. **Prerequisite:** ART 7C (completed with a grade of “C” or higher)

ART 12A BEGINNING OIL PAINTING 3 Units

Introduction to principles, elements, and practices of oil painting. Focus on exploration of painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter. **Strongly Recommended:** ART 2A

ART 12B INTERMEDIATE OIL PAINTING 3 Units

Intermediate projects in oil painting focusing on more complex and varied subject matter, media and concepts. Special emphasis is placed on the development and content. **Prerequisite:** ART 12A

ART 12C ADVANCED OIL PAINTING I 3 Units

Advanced projects in oil painting with emphasis on individual creative work and development of personal ideas and style. **Prerequisite:** ART 12B

ART 12D ADVANCED OIL PAINTING II 3 Units

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

ART 13A ACRYLIC PAINTING-BEGINNING I 3 Units

Introduction to principles, elements, and practices of acrylic painting. Focus on exploration of painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter. **Strongly Recommended:** ART 2A

ART 13B ACRYLIC PAINTING-BEGINNING II 3 Units

Projects in acrylic painting focusing on more complex and varied subject matter, media and concepts. Special emphasis is placed on the development of creative, individualized approaches to materials and content. **Prerequisite:** ART 13A (completed with a grade of “C” or higher)

ART 13C ACRYLIC PAINTING-ADVANCED I 3 Units

Advanced projects in acrylic painting with emphasis on individual creative work and development of personal ideas and style. **Prerequisite:** ART 13B

ART 13D ACRYLIC PAINTING-ADVANCED II 3 Units

Advanced projects in acrylic painting with emphasis on individual creative work and development of personal ideas and style. **Prerequisite:** ART 13C (completed with a grade of “C” or higher).

ART 16A INTRODUCTION TO CERAMICS I 3 Units

Instruction in the fundamental techniques of wheel-thrown and hand-constructed clay forms. Survey of clay and glaze materials and reaction to fire will be included. Methods of decorating using glazes will be introduced. Influence of Eastern and Western contemporary and historical works and the students’ creations. Formulate personal creative process, including inspiration, experimentation, and evaluation. Designed for art majors as well as non-majors.

ART 16B INTRODUCTION TO CERAMICS II 3 Units

Further development of the technical skills of wheel thrown and hand constructed clay forms. Exploration of surface decoration, using various glazing techniques and methods of slip decoration is continued. Designed for art majors as well as general education students. **Prerequisite:** Art 16A (completed with a grade of “C” or higher).

ART 16C INTRODUCTION TO CERAMICS III 3 Units

Introduction of intermediate technical skills of throwing forms on the wheel with emphasis on the creative expression of the form. Kiln loading and firing procedure and process introduction. Continued development of various hand construction techniques of clay forms. **Prerequisite:** Art 16B (completed with a grade of “C” or higher).

ART 16D CERAMICS - INTERMEDIATE 3 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).

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For the most current class information, scan the QR code for the searchable online class schedule at www.chabotcollege.edu/courses



ART 17A BEGINNING SCULPTURE I

3 Units

Construction methods in clay through design of three-dimensional and relief sculptures. Includes an introduction to ceramic art history and fundamentals of ceramic glaze and firing technology. Elements and principles of three-dimensional design are emphasized in oral and written critiques. This course is designed for art majors as well as general education students.

ART 17B BEGINNING SCULPTURE II

3 Units

Further development of the technical skills of three-dimensional sculpture and bas relief. Development of style in surface decoration, using various glazing techniques and methods of slip decoration are continued. Designed for art majors as well as general education students. **Prerequisite:** ART 17A (completed with a grade of "C" or higher)

ART 18A WOOD AND STONE SCULPTURE I

3 Units

Design and carve Bas-relief sculptures, using subtractive methods in wood and stone. Examines examples from modern Includes 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.

ART 18B WOOD AND STONE SCULPTURE II

3 Units

An intermediate course in the Design and carving of more advanced 3-dimensional sculptures, using subtractive methods in wood and stone. Includes care and maintenance of pneumatic (air power) technology. Elements and principles of three-dimensional design are emphasized in oral and written critiques. **Prerequisite:** ART 18A (completed with a grade of "C" or higher)

ART 20 ALL MEDIA SCULPTURE

3 Units

Introduction to three-dimensional sculptural principles, techniques, and concepts utilizing a wide range of materials and practices. Various sculpture methods are practiced with attention to creative self-expression and historical context. **Strongly Recommended:** ART 17A (completed with a grade of "C" or higher)

ART 21 IND PRJTS IN CERAMIC SCULPTURE

3 Units

Projects in Ceramic Sculpture for intermediate to advanced students. Building on previous knowledge of and skills required from previous assignments in Beginning, Sculpture, students will produce artwork that expresses their individual styles. **Prerequisite:** ART 17A (completed with a grade of "C" or higher)

ART 23 2-D FOUNDATIONS

3 Units

Introduction to the concepts and applications of two-dimensional art from various cultures, historical periods, and aesthetic sensibilities.

ART 24 3-D FOUNDATIONS

3 Units

This course will introduce basic concepts, techniques, tools, and materials for three-dimensional design using a variety of media such as clay, plaster, found objects, mixed-media etc. Students will learn to analyze and critique artwork using the design vocabulary of form, mass and volume, texture scale, proportion and space relationships as well as an awareness of historical and contemporary artists in the field of sculpture and three-dimensional object making.

ART 61 ILLUSTRATION

3 Units

Creation and execution of conceptual ideas in illustration. Includes a variety of mediums and contemporary application styles. Emphasis on skills in traditional draftsmanship, craftsmanship and presentation.

ART 201 SCULPTURE AND CERAMIC ART

0 Units

This course is designed to improve artistic ability of mature adults 50+ years of age or older. Students will learn construction methods in clay through design of three-dimensional and relief sculptures.

ART 202 PAINT & DRAW MATURE ADULTS

0 Units

This noncredit course offers an individualized program of painting for the mature adult. Applications of basic principles of composition and color. Covers as well as techniques, materials and terminology of two-dimensional image making will be covered in a hands-on studio format. This is a noncredit course.

ART - HISTORY

Art History is a truly unique field of study in which the past is learned not through accounts of kingly lineage or wars but through humanity's most beautiful creations. This discipline prepares students to analyze visual forms and research historical contexts, and—more importantly—to synthesize the two in order to make meaning of art from across the globe and throughout time.

Because humans make art to communicate the breadth and depth of human experience, art historical inquiry can lead to a consideration of a wide range of subjects. Those can include cultural, ethnic, social, religious, economic, and political topics, in addition to artistic and aesthetic ones. This discipline serves students who want to sharpen their artistic eye, enrich their cultural backgrounds, solidify their knowledge of history, develop analytical and writing skills, sharpen their critical sensibilities, and prepare for opportunities in museums, galleries, historical societies, and more. The Art History discipline is particularly well-suited to students considering themselves visual learners.



ARTH 1 INTRODUCTION TO ART

3 Units

In this introduction to art, our class will travel through history and across the globe to learn how we humans use painting, sculpture, architecture, photography, and other artforms to respond to our circumstances, to solve our problems, to demonstrate our values, and to make beauty from the materials we find around us. (Formerly ART 1; may not receive credit if ART 1 has been completed.)

ARTH 3 FILM HISTORY AND APPRECIATION

3 Units

This course aims to immerse students in three key foundations of film: its history; its artistry; and its interpretation. For the history portion we cover the invention of film through the first widespread use of color (1878 to 1939). For the artistry portion we cover essential technical and formal elements of film-making. For the interpretation portion we cover the conventions and social functions of different film genres. These topics are presented through slide-illustrated lectures and screenings of films (and film clips) from many countries of origin, providing lessons in global approaches to the artform. ARTH 3 is especially appropriate for visual learners.

ARTH 4 ART HISTORY-ANCIENT TO GOTHIC

3 Units

This course presents a chronological history of the West using iconic artworks that embody the conditions and values of the people who created them. We begin in prehistory, when Cro-Magnons painted the walls of their caves, and end in the late Medieval period, when artists sought ways to give tangible form to God and the heavens. Along the way, we cover visual masterworks by ancient Arabs and Persians of Mesopotamia, northeast Romans in the Mediterranean region. This course is especially appropriate for visual learners. (Formerly ART 4; may not receive credit if ART 4 has been completed.)

ARTH 7 MULTICULTURAL HISTORY OF AMERICAN ART

3 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.

ASTRONOMY

Come to Chabot College to learn about the stars, the planets, the moon, space, galaxies and the universe. Discover how they were formed, and have continued to be evolve. Discover what marvels asking questions about the universe has spurred. Learn what science is all about - and if possible, come learn the constellations and stars above your head in our wonderful planetarium.

Chabot College offers four Astronomy different courses for our students, all of which help to fulfill graduation, degree, and transfer requirements. All of them are available without pre-requisite classes in math or physics.



ASTR 10 INTRO TO ASTRONOMY: THE SOLAR SYSTEM 3 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. A companion science lab, Astronomy 30, is also available.

ASTR 20 INTRO TO ASTRONOMY: STARS AND THE UNIVERSE 3 Units

Introduction to study of stars, galaxies, and 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. A companion science lab, Astronomy 30, is also available.

ASTR 30 INTRODUCTION TO ASTRONOMY LAB 1 Unit

Introduction to laboratory principles and techniques in astronomy, including use of telescopes, astronomical images, simulations, and identification of stars and constellations in the night sky. **Prerequisite:** ASTR 10 May be taken concurrently or ASTR 20 may be taken concurrently.

ASTR 45 DESCRIPTIVE ASTRONOMY 3 Units

Survey of Astronomy at a descriptive level, focusing on current topics and identification of seasonal constellations. Designed for non-majors in mathematics or a physical science.

AUTOMOTIVE TECHNOLOGY

The Chabot Automotive program provides hands-on learning for anyone interested in pursuing a career in the automotive industry. Our partnerships with industry, and ASE Master Accredited program, prepares students for the ever-changing automotive industry, including Hybrid, Electric Vehicles, Advanced Drivers Assistance Systems (ADAS), and Service Consulting.

Chabot's Automotive program is now offering our classes and certificates with a Non-Credit enrollment option. This provides students the ability to receive the same high-level education, but at a substantially reduced cost.



You will gain the skills and experience in the following areas:

- Advanced Drivers Assistance Systems (ADAS) and New Vehicle Technologies
- Automotive electronic and electrical systems
- Fuel and emission systems
- Engines and engine performance
- Brake and suspension systems
- Manual and automatic transmissions and drive lines
- Air conditioning systems
- Hybrid, electric and alternative fuels

Our instructors are ASE certified with substantial industry experience.

ATEC 1 AUTOMOTIVE ENGINES 4 Units

Automotive engine fundamentals including; configurations and designs, operation, diagnostic tests; disassembly, inspection, thread repair, broken bolt removal, precision measurement, assembly, timing chains and belts, valve adjustments cooling systems, introduction to engine machining, proper use of shop related tools and equipment, and safety practices. **Prerequisite:** Automotive Technology 50 (may be taken concurrently) or equivalent.

ATEC 2 AUTOMATIC TRANSMISS/TRANSAXLES 3 Units

Automotive Automatic Transmission fundamentals including: Diagnosis, inspection, repair and adjustment of automatic transmission/transaxle assemblies, torque converters, friction materials, hydraulics, gear trains, manual and electronic controls, driveshaft and axle operation service and repair. **Prerequisite:** Automotive Technology 50 (may be taken concurrently) or equivalent.

ATEC 3 MANUAL TRANSMISSIONS/TRANSAXLE 3 Units

Automotive Manual Transmission fundamentals including: Diagnosis, inspection, repair and adjustment of automotive manual drive train and axle assemblies, final drives, clutches, viscous couplings, and transfer cases. Two, four and all wheel drive assemblies, service and repair. **Prerequisite:** Automotive Technology 50 (may be taken concurrently) or equivalent. (may be taken concurrently)

ATEC 4 AUTO SUSPENSION & STEERING 3 Units

Automotive Suspension and Steering fundamentals including: Diagnosis, inspection, repair, and adjustment of modern automotive steering, suspension, supplemental restraint, tire pressure monitoring, and alignment systems, theory of operation, common automotive steering and suspension systems, wheel alignment principles, methods of diagnosis, adjustment and repair, suspension service equipment. **Prerequisite:** Automotive Technology 50 (completed with a grade of "C" or higher) or equivalent (may be taken concurrently)

ATEC 5 AUTOMOTIVE BRAKING SYSTEMS 3 Units

Automotive brake system including: Diagnosis, inspection, repair, and adjustment of modern automotive brakes, including anti-lock braking systems, traction control, and dynamic stability control systems, theory of operation, the study of basic laws of hydraulics, brake service equipment. **Prerequisite:** Automotive Technology 50 (completed with a grade of "C" or higher) or equivalent (may be taken concurrently)

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

For the most current class information, scan the QR code for the searchable online class schedule at www.chabotcollege.edu/courses



ATEC 6A ELECTRICAL AND ELECTRONIC FUNDAMENTALS 4 Units

Automotive Electrical and Electronic Fundamentals including: Ohm's Law, basic electrical circuits, components, battery, starting, changing, and basic wiring systems, electrical components and the use of basic wiring diagrams for trouble shooting systems, repair of wiring circuits and correct use of diagnostic equipment. **Prerequisite:** Automotive Technology 50 (completed with a grade of "C" or higher) or equivalent (may be taken concurrently)

ATEC 6B ELECTRICAL AND ELECTRONIC SYSTEMS 3 Units

Automotive body electronics, vehicle lighting, instrumentation, OEM audio, navigation, and communication systems, supplemental restraint systems, starter interlock systems, computer controlled charging systems. **Prerequisite:** Automotive Technology 6A or equivalent.

ATEC 8 AIR & FUEL DELIVERY SYSTEMS 4 Units

Automotive Air and Fuel Delivery including: Introduction to the principles of automotive fuel induction systems, including the inspection, diagnosis, and evaluation of fuel storage, fuel pump, carburetion, intake and exhaust systems, engine operation principles, computerized engine controls, and fuel injection systems. **Prerequisite:** Automotive Technology 6A (completed with a grade of "C" or higher) or equivalent

ATEC 10 ADVANCED ENGINE PERFORMANCE 3 Units

Automotive Engine Management Systems including: Ignition systems, combustion process, emission control devices, diagnostic practices for drivability, emissions, on board diagnostic systems, vehicle systems integration, and new engine technology. **Prerequisite:** Automotive Technology 8 (completed with a grade of "C" or higher) or equivalent

ATEC 50 INTRODUCTION AUTOMOTIVE TECH 3 Units

Automotive industry fundamentals including careers; safety; fasteners, hand tool identification and usage; vehicle systems, electrical fundamentals; service information access and use; automotive chemical and fluid applications; hazardous waste handling; general shop equipment usage and vehicle servicing.

ATEC 92 ADV DRIVERS ASSIST SYSTEMS 3 Units

This course introduces students to the Advanced Drivers Assistance Systems (ADAS) utilized in vehicles. This technology is also the foundation for autonomous vehicles. This course will cover the various Advanced Drivers Assistance Systems (ADAS), exploring system operation, diagnosis, service, repairs, and calibration. **Prerequisite:** ATEC 4 (completed with a grade of "C" or higher) or equivalent. and ATEC 6A (completed with a grade of "C" or higher) or equivalent. and ATEC 6B (completed with a grade of "C" or higher) or equivalent.

ATEC 201 AUTOMOTIVE ENGINES 0 Units

Automotive engine fundamentals including; configurations and designs, operation, diagnostic tests; disassembly, inspection, thread repair, broken bolt removal, precision measurement, assembly, timing chains and belts, valve adjustments, cooling systems, introduction to engine machining, proper use of shop related tools and equipment, and safety practices. This course is a noncredit course that is equivalent to the ATEC credit course of the same title. Both options cover the same content and students will be enrolled in the same class at the same time. **Prerequisite:** ATEC 250 (completed with a grade of "P" or higher) or ATEC 50 (completed with a grade of "C" or higher) or equivalent (May be taken concurrently)

ATEC 202 AUTOMATIC TRANSMISS/TRANSAXLES 0 Units

Automotive Automatic Transmission fundamentals including: Diagnosis, inspection, repair, and adjustment of automatic transmission/transaxle assemblies, torque converters, friction materials, hydraulics, gear trains, manual and electronic controls. This course is a noncredit course that is equivalent to the ATEC credit course of the same title. Both options cover the same content and students will be enrolled in the same class at the same time. **Prerequisite:** ATEC 250 (completed with a grade of "P" or higher) or ATEC 50 (completed with a grade of "C" or higher) or equivalent (may be taken concurrently)

ATEC 203 MANUAL TRANSMISSIONS/TRANSAXLE 0 Units

Automotive Manual Transmission fundamentals including: Theory, diagnosis, repair and adjustment of automotive manual transmissions/transaxles, driveshafts, half shafts, final drives, clutches, viscous couplings, and transfer cases. Two, four and all-wheel drive assemblies, theory, and repair. This course is a noncredit course that is equivalent to the ATEC credit course of the same title. Both options cover the same content and students will be enrolled in the same class at the same time. **Prerequisite:** ATEC 250 (completed with a grade of "P" or higher) or ATEC 50 (completed with a grade of "C" or higher) or equivalent (may be taken concurrently)

ATEC 204 AUTO SUSPENSION & STEERING 0 Units

Automotive Suspension and Steering fundamentals including: Diagnosis, inspection, repair, and adjustment of modern automotive steering, suspension, supplemental restraint, tire pressure monitoring, and alignment systems, theory of operation, common automotive steering and suspension systems, wheel alignment principles, methods of diagnosis, adjustment and repair, suspension service equipment. This course is a noncredit course that is equivalent to the ATEC credit course of the same title. Both options cover the same content and students will be enrolled in the same class at the same time. **Prerequisite:** ATEC 250 (completed with a grade of "P" or higher) or ATEC 50 (completed with a grade of "C" or higher) or equivalent (may be taken concurrently)

ATEC 205 AUTOMOTIVE BRAKING SYSTEMS 0 Units

Automotive Braking Systems including: Diagnosis, inspection, repair, and adjustment of modern automotive brakes and anti-lock braking systems, traction control, and dynamic stability control systems, theory of operation, the study of basic laws of hydraulics, brake service equipment. This course is a noncredit course that is equivalent to the ATEC credit course of the same title. Both options cover the same content and students will be enrolled in the same class at the same time. **Prerequisite:** ATEC 250 (completed with a grade of "P" or higher) or ATEC 50 (completed with a grade of "C" or higher) or equivalent (may be taken concurrently)

ATEC 206A ELECT & ELECTRONICS FUNDAMNTAL 0 Units

Automotive Electrical and Electronic Fundamentals including: Ohm's Law, basic electrical circuits, components, battery, starting, charging, 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. This course is a noncredit course that is equivalent to the ATEC credit course of the same title. Both options cover the same content and students will be enrolled in the same class at the same time. **Prerequisite:** ATEC 250 (completed with a grade of "P" or higher) or ATEC 50 (completed with a grade of "C" or higher) or equivalent (may be taken concurrently)

ATEC 206B ELECT & ELECTRONICS SYSTEMS 0 Units

Automotive body electronics, vehicle lighting, instrumentation, OEM audio, navigation, and communication systems, supplemental restraint systems, starter interlock systems, computer controlled charging systems. This course is a noncredit course that is equivalent to the ATEC credit course of the same title. Both options cover the same content and students will be enrolled in the same class at the same time. **Prerequisite:** ATEC 206A (completed with a grade of "P" or higher) or ATEC 6A (completed with a grade of "C" or higher) or equivalent

ATEC 208 AIR & FUEL DELIVERY SYSTEMS 0 Units

Automotive Air and Fuel Delivery including: Introduction to the principles of automotive fuel induction systems, including the inspection, diagnosis, and evaluation of fuel storage, fuel pumps, carburetion, intake and exhaust systems, engine operation principles, computerized engine controls, and fuel injection systems. This course is a noncredit course that is equivalent to the ATEC credit course of the same title. Both options cover the same content and students will be enrolled in the same class at the same time. **Prerequisite:** ATEC 206A (completed with a grade of "P" or higher) or ATEC 6A (completed with a grade of "C" or higher) or equivalent

ATEC 210 ADVANCED ENGINE PERFORMANCE 0 Units

Automotive Engine Management Systems including: Ignition systems, combustion process, emission control devices, diagnostic practices for drivability, emissions, on board diagnostic systems, vehicle systems integration, and new engine technology. This course is a noncredit course that is equivalent to the ATEC credit course of the same title. Both options cover the same content and students will be enrolled in the same class at the same time. **Prerequisite:** ATEC 208 (completed with a grade of "P" or higher) or ATEC 8 (completed with a grade of "C" or higher) or equivalent

ATEC 250 INTRODUCTION AUTOMOTIVE TECH

0 Units

Automotive industry fundamentals including careers, safety, fasteners, hand tool identification and usage, vehicle systems, electrical fundamentals, service information access and use, automotive chemical and fluid applications, hazardous waste handling, general shop equipment usage, and vehicle servicing. This course is a noncredit course that is equivalent to the ATEC credit course of the same title. Both options cover the same content and students will be enrolled in the same class at the same time.

ATEC 258 AIR/FUEL DEL SYS ASE PREP (A8)

0 Units

The ASE Air and Fuel Delivery Systems Certification Prep course (A8) will provide automotive students and existing industry technicians with an opportunity to prepare for industry standardized Automotive Service Excellence (ASE) certification in the most common automotive related subject areas. Automotive students are encouraged to enroll in the applicable ASE prep-course in conjunction with their current ATEC courses.

ATEC 292 ADV DRIVERS ASSIST SYSTEMS

0 Units

This course introduces students to the Advanced Drivers Assistance Systems (ADAS) utilized in vehicles. This technology is also the foundation for autonomous vehicles. This course will cover the various Advanced Drivers Assistance Systems (ADAS), exploring system operation, diagnosis, service, repairs, and calibration. This course is a noncredit course that is equivalent to the ATEC credit course of the same title. Both options cover the same content and students will be enrolled in the same class at the same time. **Prerequisite:** ATEC 204 (completed with a grade of "P" or higher) or ATEC 4 (completed with a grade of "C" or higher) or equivalent, ATEC 206A (completed with a grade of "P" or higher) or ATEC 6A (completed with a grade of "C" or higher) or equivalent, ATEC 206B (completed with a grade of "P" or higher) or ATEC 6B (completed with a grade of "C" or higher) or equivalent

BIOLOGICAL SCIENCES

The Biological Sciences Department offers a variety of courses to satisfy the needs of Chabot College students. We offer courses in:

- Anatomy & Physiology
- Botany
- Cell Biology
- Ecology

- Environmental Science
- Genetics
- Microbiology
- Public Health



All of our courses satisfy natural science requirements for various degrees across Chabot College and are easily transferred to other institutions. Our courses prepare students to apply to health professional programs to apply to health professional programs, to transfer to a four-year institution to study a biological science, or to complete their natural science general education requirement.

The Biological Sciences faculty and staff are dedicated to student success and enrichment by serving as instructional support and informational resources to students as well as advisors for related clubs and programs.

Students who have matriculated through our programs will be exposed to the scientific method, gain an appreciation for the environment, understand health issues in society, and become aware of the roles of science in our lives. Our courses will also help them become better "consumers" of scientific information and increase awareness of their personal health.

BIOS 1 INTRODUCTION TO THE SCIENCE OF BIOL

4 Units

Learn about the basic principles of biology and their bioethical impacts in our modern world. This course is especially designed for students new to biology or those who just want to explore biology under a thematic approach. This course is intended to fulfill the natural sciences general education requirement for students majoring outside of the biological or health sciences. May not receive credit if BIOL 10 has been completed successfully.

BIOS 15 ANATOMY AND PHYSIOLOGY

4 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 students who wish to explore the realm of anatomy and physiology. May not receive credit if BIOL 50 has been completed successfully.

BIOS 21A PRINCIPLES OF PLANT BIOLOGY AND ECOLOGY

4 Units

Principles of the diversity, structure and function of autotrophs including plants, protists, bacteria. Examines ecology including conservation biology. This course is intended for students majoring in biological sciences OR for students who will apply to professional schools, including schools of medicine, dentistry, and pharmacy. May not receive credit if BIOL 6 has been completed successfully. **Prerequisite:** MTH 55 (completed with a grade of "C" or higher) (or MTH 255) or equivalent. Strongly Recommended Eligibility for ENGL 1

BIOS 21B PRINCIPLES OF ANIMAL BIOLOGY AND EVOLUTION

4 Units

Principles of the diversity, structure and function of heterotrophic organisms, evolution, evolutionary history, and population genetics. This course is intended for students majoring in biological sciences OR for students who will apply to professional schools, including schools of medicine, dentistry, and pharmacy. May not receive credit if BIOL 4 has been completed successfully. **Prerequisite:** MTH 55 (completed with a grade of "C" or higher) (or MTH 255) or equivalent and BIOS 21A (completed with a grade of "C" or higher) (or BIOL 6) or , CHEM 1A (completed with a grade of "C" or higher) **Strongly Recommended:** Eligibility for ENGL 1

BIOS 21C PRINCIPLES OF CELL AND MOLECULAR BIOLOGY

5 Units

Explores living things at their most fundamental levels: molecules, organelles, and cells. Emphasizes cellular regulation, division, metabolism, and genetics. This course is intended for students majoring in biological sciences OR for students who will apply to professional schools, including schools of medicine, dentistry, and pharmacy. May not receive credit if BIOL 2 has been completed successfully. **Prerequisite:** CHEM 1A (completed with a grade of "C" or higher) and BIOS 21A (completed with a grade of "C" or higher) (or BIOL 6) or BIOS 21B (completed with a grade of "C" or higher) (or BIOL 4) **Strongly Recommended:** Eligibility for ENGL 1

BIOS 41 FUND OF BIOLOGY FOR HEALTH SCIENCES

4 Units

An introductory biology course that explores the basic principles of biology including prokaryotic and eukaryotic cell structure and function. This course places emphasis on developing needed laboratory skills for success especially for the further health sciences courses at Chabot. For example, it is the prerequisite for Human Anatomy (BIOS 42). This course is intended for students who will study in health sciences fields including students intending to apply to schools of nursing, dental hygiene, and medical technologies. May not receive credit if BIOL 31 has been completed successfully. **Strongly Recommended:** MTH 53, Eligibility for ENGL 1

BIOS 42 GENERAL HUMAN ANATOMY

5 Units

Develop an understanding of the structure and function of the human body in both health and disease. Investigate organ structure by dissecting organs and cadavers, viewing models, and examining slides. May not receive credit if ANAT 1 has been completed successfully. **Prerequisite:** BIOS 41 (completed with a grade of "C" or higher) or , BIOL 31 (completed with a grade of "C" or higher) or , BIOS 21C (completed with a grade of "C" or higher) **Strongly Recommended:** ENGL 1 (completed with a grade of "C" or higher)

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

For the most current class information, scan the QR code for the searchable online class schedule at www.chabotcollege.edu/courses



BIOS 43 HUMAN PHYSIOLOGY

5 Units

An essential course for those interested in pursuing a career in nursing, dental hygiene, physical therapy or other allied health sciences. This course studies human cellular and systemic body functions. Emphasis is placed on physics, chemistry, and clinical concepts. Students will learn collection and analysis of data, extrapolations and conclusions. May not receive credit if PHSI 1 has been completed successfully. **Prerequisite:** CHEM 30A and BIOS 42 **Strongly Recommended:** CHEM 30B and , Eligibility for ENGL 1.

BIOS 44 MICROBIOLOGY

5 Units

Explore the attributes and behaviors of microorganisms, with an emphasis on those which cause infectious human diseases. Intended primarily for students planning to enter training programs for professions such as registered nurse or dental hygienist. May not receive credit if MICR 1 has been completed successfully. **Prerequisite:** BIOS 41 (completed with a grade of "C" or higher) or , BIOL 31 (completed with a grade of "C" or higher) or , BIOS 21C (completed with a grade of "C" or higher) or , BIOL 2 (completed with a grade of "C" or higher) or , BIOS 21B (completed with a grade of "C" or higher) or , BIOL 4 (completed with a grade of "C" or higher) and , CHEM 30A (completed with a grade of "C" or higher) or , CHEM 1A (completed with a grade of "C" or higher) **Strongly Recommended:** BIOS 42 (completed with a grade of "C" or higher) or , ANAT 1 (completed with a grade of "C" or higher) and , Eligibility for ENGL 1 (completed with a grade "C" or higher)

BIOLOGICAL SCIENCES ENVIRONMENT

ENSC 10 HUMANS AND THE ENVIRONMENT

3 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.

ENSC 11 HUMANS AND THE ENVIRONMENT/LAB

4 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.

BUSINESS

Our innovative programs, flexible schedules with classes offered online, on-campus at different times, and in hybrid format, and dedicated faculty, are here to meet your needs. Our programs prepare you for transfer to four-year universities. We also constantly update our curriculum and work with industry professionals to meet the growing employers' demands for workers with two-year degrees and certificates.



BUS 1A FINANCIAL ACCOUNTING

4 Units

Explores financial accounting, its importance and how it is used by internal and external users as a decision-making tool. Covers accounting information systems; application of Generally Accepted Accounting Principles (GAAP) and International Financial Reporting Standards (IFRS) to value assets, liabilities, and equity; preparation, interpretation and analysis of financial statements. Includes topics on cash flow statement, cash and accrual accounting concepts, merchandising operation, internal controls and ethics, reporting and accounting for receivables, payables, long-term assets and liabilities, inventory, depreciation, stockholders' equity, stocks and bonds. **Strongly Recommended:** BUS 7 (completed with a grade of "C" or higher)

BUS 4 COST ACCOUNTING

3 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).

BUS 7 ACCOUNTING FOR SMALL BUSINESS

3 Units

Bookkeeping practices and accounting cycle for a service and merchandising sole proprietorship. Double-accounting entry system (debits and credits), journal, ledgers, adjusting and closing entries, income statement, balance sheet, and statement of owner's equity, cash, banking activities, payroll, merchandising transactions.

BUS 1B MANAGERIAL ACCOUNTING

4 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).

BUS 8 PAYROLL ACCOUNTING

3 Units

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

BUS 2B INTERMEDIATE ACCOUNTING II

4 Units

Application of Generally Accepted Accounting Principles (GAAP) and International Financial Reporting Standards (IFRS) to value assets, liabilities, and equity. Topics include analysis of current and long-term liabilities, leases, income taxes, pensions, equity, and the related revenues and expenses; preparation of the statement of cash flows. BUS 2A (Intermediate Accounting I) and BUS 2B (Intermediate Accounting II) can be taken in any sequence after the successful completion of BUS 1A (Financial Accounting). **Prerequisite:** BUS 1A (completed with a grade of "C" or higher)

BUS 10 BUSINESS LAW

4 Units

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

BUS 11 GOVERNMENTAL & NONPROFIT ACCTG

3 Units

A study of accounting, budgeting, auditing, fiscal procedures and financial records of governmental agencies such as state, county and municipal governments, as well as universities and colleges, hospitals, and certain nonprofit organizations. **Prerequisite:** BUS 1A (completed with a grade of "C" or higher) or , BUS 7 (completed with a grade of "C" or higher)

BUS 3A TAXATION OF INDIVIDUALS

3 Units

Preparation of Federal and California income tax returns for individuals through the absorption and application tax forms, including Form 1040 (Individual), Schedules A (Itemized Deductions), B (Interest and Dividends), C (Profit or Loss from a Business), and D (Capital Gains and Losses). Other topics include depreciation, tax credits, tax planning, and tax research.

BUS 12 INTRODUCTION TO BUSINESS

3 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, human resources, and finance).

BUS 3C TAX OF TRUSTS, GIFTS, ESTATES

2 Units

Preparation of Federal and California income tax returns for trusts, estates, and gifts using tax software and manually. Topics include income tax law, theory, and practice, and preparation of Forms 1041 (Fiduciary), 706 (Estate) and 709 (Gift) and the related California tax forms. This course is part of the Enrolled Agent Exam Preparation Series. A student does NOT need to complete BUS 3B to enroll in this class. **Strongly Recommended:** BUS 3A

BUS 14 BUSINESS COMMUNICATIONS

3 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:** ENGL 1 Critical Thinking and Composition.

<p>BUS 16 BUSINESS MATHEMATICS 3 Units Mathematics to solve typical business problems including banking, simple interest, compound interest, installment sales, trade and cash discounts, markup percents, pricing, discounting notes and drafts, payroll, insurance, statistics, stocks, bonds, and mutual funds.</p>	<p>BUS 50J TIME MANAGEMENT SKILLS 1 Unit Practical tips and tools to manage time in academic and business-related situations. Setting short-term and long-term goals. Prioritization of goals and activities. Developing plans; organizing your workplace. Typical time wasters/time leaks, including procrastination, and ways of overcoming them.</p>
<p>BUS 19 BUSINESS STATISTICS 4 Units Introduction to concepts, methods and models employed in reasoning with numbers and in presenting cogent statistical arguments or solutions in the fields of business, economics, information technology and the social sciences. Prerequisite: MTH 53 or MTH 53B or MTH 54 or MTH 54L or MTH 55 or MTH 55B or MTH 55L (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Early Assessment Program or the equivalent or an appropriate skill level demonstrated through the mathematics assessment process. Strongly Recommended: Eligibility for ENGL 1A</p>	<p>BUS 50K LISTENING SKILLS 1 Unit Examination of listening styles and skill development for the business environment. Includes exploration of the benefits of listening, listening attitudes, and tips for improving listening.</p>
<p>BUS 20 LAW AND SOCIETY 3 Units Introduction to the American legal system, including both theoretical and practical perspectives on the relationship of law to individuals and society. Includes the U.S. Constitution, criminal law system, civil dispute resolution, consumer rights interpersonal and property rights, and the laws of the workplace. If you are a Business major, take Business 10 instead of this course.</p>	<p>BUS 50L CAREERS IN BUSINESS 1 Unit Exploration of the wide variety of potential careers in business, and the educational preparation appropriate for those careers. Includes careers in accounting and finance, sales and marketing, real estate and insurance, human resource management, and management and supervision.</p>
<p>BUS 21 HUMAN RESOURCE MANAGEMENT 3 Units Introduction to the management of human resources. The impact and accountability of human resources to the organization. Global human resource strategies, social and organizational realities, legal implications affecting people at work, union/non-union practices, comparable work, employee compensation, benefits, and employee rights.</p>	<p>BUS 50N DEALING WITH DIFFICULT PEOPLE 1 Unit Learn the techniques for preventing workplace conflicts including ways to resolve these conflicts in order to be a part of healthy and happy workplace and be more efficient.</p>
<p>BUS 22 INTRODUCTION TO MANAGEMENT 3 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.</p>	<p>BUS 50P QUALITY CUSTOMER SERVICE 1 Unit Tools to understand and provide quality customer service.</p>
<p>BUS 34 INTRODUCTION TO ADVERTISING 3 Units Contributions of advertising to integrated marketing communication, including coordination and development of sales, relationship marketing, promotion programs, media selection, copywriting, layout, research, and budgeting.</p>	<p>BUS 50R SUCCESSFUL VIRTUAL WORKER 1 Unit Students will learn about the skills, characteristics, and strategies of successful remote/virtual workers, as well as the aspects that impede successfully working in a virtual position. Students will examine elements related to keeping productivity high and creating a healthy virtual work life and personal life balance.</p>
<p>BUS 36 INTRODUCTION TO MARKETING 3 Units Survey of marketing, including consumer behavior, company and environmental analysis, market segmentation, product development, pricing, promotion, and distribution. Personal, consumer, business to business and digital marketing are included.</p>	<p>BUS 72 LEADERSHIP OF HEALTH CARE ORGS 3 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.</p>
<p>BUS 40 INTERNATIONAL BUSINESS 3 Units Exploration of major factors involved in developing international trade. An overview of globalization, its impact on both Western and non-Western societies, theories of global trade, monetary environment, foreign market analysis, sociocultural forces, global ethics, global political and economic institutions, and international operations.</p>	<p>BUS 84 ADVANCED PROJECT PROCESSES 3 Units This course provides an overview of MS Project, Business Analysis, Earned Value, Network Diagramming and Decision Making. Strongly Recommended: BUS 88</p>
<p>BUS 43 PERSONAL FINANCIAL PLANNING 3 Units This course provides students with an introduction to the fundamentals of personal finance. Students will learn about important topics such as time value of money, consumer credit, insurance, taxes, investing and retirement planning.</p>	<p>BUS 88 INTRODUCTION TO PROJECT MANAGEMENT 3 Units Introduction to Project Management. Understand the basic concepts of project management including estimation, implementation, and best practices. Strongly Recommended: CAS 50, Computer Application Systems 8 or CSCI 8 and CAS 54A.</p>
<p>BUS 44 INTRODUCTION TO INVESTMENTS 4 Units Pros and cons of various types of investments. Securities markets, individual portfolio planning, risk and return considerations, investment alternatives, analysis. The course covers the corporate bond market, government securities, valuation of fixed-income securities, and investment companies.</p>	<p>BUS 89 PROJECT PLANNING, SCHEDULING AND CONTROL 3 Units Develop an effective management plan, which provides a baseline for monitoring progress, identifying variances, and taking timely action to mitigate the impact of problems. Strongly Recommended: BUS 88.</p>
<p>BUS 50D RESUMES AND JOB APPL LETTERS 1 Unit Research and preparation of persuasive employment search documents, including company research, self-assessment, document composition and format. Includes resumes, job application letters, and follow up communications.</p>	<p>BUS 92 EXCEL SPREADSHEETS FOR ACCOUNTING 2 Units Fundamentals of using electronic spreadsheets (Microsoft Excel) for accounting principles. Focus on solving accounting problems and completing accounting projects with Microsoft Excel. Prerequisite: BUS 1A or equivalent or BUS 7 or equivalent Strongly Recommended: CAS 54</p>
	<p>BUS 93 QUICKBOOKS 2 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.</p>

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

For the most current class information, scan the QR code for the searchable online class schedule at www.chabotcollege.edu/courses



BUS 97 PROJECT MANAG CERTIF EXAM PREP

3 Units

The Project Management Institute (PMI) offers two credentials for project managers who want formal recognition of their project knowledge. **Strongly Recommended:** BUS 88 and , BUS 89

BUS 98 AGILE PROJECT MANAGEMENT

3 Units

Introduce agile methodology to Project Managers. The course highlights the unique tools, techniques, knowledge and skills that an agile project requires. Agile project practitioners will utilize specific management techniques throughout the project development life cycle. Knowledge of this process is now required for certification exam by the Project Management Institute. **Strongly Recommended:** BUS 88 (completed with a grade of "C" or higher) and/or familiarity with the Project Management Book of Knowledge.

CHEMISTRY

Our Chemistry academic program provides the student with a broad background in inorganic chemistry and quantitative analysis. This program supports all physical and biological science majors in the allied health sciences and satisfies general education requirements.



CHEM 1A GENERAL COLLEGE CHEMISTRY I

5 Units

Introduction to atomic structure, bonding, stoichiometry, thermochemistry, gases, matter and energy, oxidation-reduction, chemical equations, liquids and solids, solutions, chemical energetics and equilibrium. Laboratory includes both quantitative and qualitative experiments. **Chabot Prerequisite:** MTH 55 or MTH 55B CHEM 31 or skill level demonstrated through the Chemistry Placement Process. LPC Prerequisites: CHEM 31 with a grade of C. The CHEM 31 prerequisite can be fulfilled by demonstrating the appropriate skill level in the Chemistry Placement Process. Intermediate Algebra or a higher level of mathematics.

CHEM 12A ORGANIC CHEMISTRY I

5 Units

Hydrocarbons, alkyl halides, alcohols, ethers, and an introduction to aromatic hydrocarbons. Structure, bonding, stereochemistry, conformational analysis, nomenclature, and physical properties in relation to these particular groups of compounds. Emphasis on reactivity and reaction mechanisms. Laboratory work includes microscale, macroscale, spectroscopic, and chromatographic techniques. Chemistry 12A is the first semester in a year long course in organic chemistry designed for students majoring in chemistry and related disciplines. **Prerequisite:** CHEM 1B with a minimum grade of C

CHEM 1B GENERAL COLLEGE CHEMISTRY II

5 Units

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

CHEM 30A INTRODUCTION AND APPLIED CHEMISTRY I

4 Units

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

CHEM 10 INTRODUCTION TO CHEMISTRY

4 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.

CHEM 30B INTRODUCTION AND APPLIED CHEMISTRY II

4 Units

Continuation of Chemistry 30A with emphasis on organic and biochemical concepts related to human physiological systems. **Prerequisite:** Chemistry 30A with a minimum grade of C

CHEM 31 INTRODUCTION TO COLLEGE CHEMISTRY

4 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. **Chabot Prerequisite:** MTH 55 or MTH 55B. LPC **Prerequisite:** Intermediate Algebra or a higher level of mathematics.

CHINESE

Learn a new language that can help broaden your global cultural knowledge, and for traveling, fulfill requirements to transfer to a 4-year college and increase career opportunities.

CHIN 1A BEGINNING CHINESE

5 Units

Introduction to the Chinese cultures of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of Mandarin Chinese. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. **Strongly Recommended:** ENGL 1A or ENGL 1



COMMUNICATION STUDIES

Students of Communication Studies will demonstrate effective skills in written and oral communication. Communication Studies explores the complexity of human interaction. We encourage students to pursue and evaluate knowledge through the skills of inquiry, research, and critical thinking.

Our graduates move on to careers in:

- Human resources
- Public relations
- Advertising
- Journalism
- Law
- Hospitality and customer service
- Corporate training
- Politics



Many continue their education at the graduate and doctoral levels.

An Associate in Arts in Communication Studies for Transfer is a valuable asset for people in every industry. The National Association of Colleges and Employers, in a 2010 survey, ranked the top five desired candidate skills/qualities: communication skills, strong work ethics, analytical skills, teamwork, and technical skills.

COMM 1 FUNDAMENTALS OF SPEECH COMMUNICATION 3 Units

This course develops a student's skills in creating and presenting speeches to an audience. An emphasis is placed on delivery, audience analysis, and content assembly in order to inform, persuade, or entertain an audience. **Strongly Recommended:** ENGL 1

COMM 3 GROUP COMMUNICATION 3 Units

This class will focus on how to become better participants in small groups, both by learning the theoretical principles and the application of skills and practices thus reducing uncertainty/anxiety in groups.

COMM 6 INTRODUCTION TO PERFORMANCE STUDIES 3 Units

Exploration of historically influential activist performances and contemporary performance art/installation pieces. Development of an understanding of basic interdisciplinary performance theories from everyday life, ritual, and on-stage. Emphasis on creating, discussing, and observing performances as tools for social critique.

COMM 10 INTERPERSONAL COMMUNICATION 3 Units

An introductory course designed to help you develop your interpersonal communication competencies by examining identity, human interaction, and conflict management in personal relationships. Through readings, discussion, and assignments we will examine the power of communication and its effects on our lives and relationships. **Strongly Recommended:** ENGL 1

COMM 11 INTERCULTURAL COMMUNICATION 3 Units

This introductory course is designed to help you develop an understanding of communication between and within cultures. Emphasis will be placed on self-awareness, perception, interpretations of similarities and differences in culture, conflict management, and intercultural communication competence strategies.

COMM 20 PERSUASION AND COMMUNICATION 3 Units

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

COMM 46 ARGUMENTATION & DEBATE 3 Units

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

COMM 48 ACTIVITIES IN FORENSICS 1 - 4 Units

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

COMM 50 INTRODUCTION TO COMMUNICATION STUDIES 3 Units

Students will explore theories of communication, discovering what communication is, how and why it works, the power of communication, and a view of Communication Studies as a discipline. Students will also learn strategies for improving communication skills. **Strongly Recommended:** Eligibility for English 1.

COMM 70A INTRODUCTION TO COMM TUTOR TRAINING 2 Units

Introduction to tutor training for the Communication Laboratory. Includes lecture and hands-on tutoring experience. Required: Successful completion of COMM course and instructor recommendation. **Prerequisite:** COMM 1 or , COMM 2 or , COMM 10 or , COMM 20 or , COMM 46 or COMM 50 (completed with a grade of "C" or higher) and instructor recommendation required.

COMM 70B EXPERIENCED COMM TUTOR TRAINING 2 -3 Units

Training for experienced communication tutors. Includes lecture and hands-on tutoring experience. **Prerequisite:** COMM 70A (completed with a grade of "C" or higher)

COMPUTER APPLICATION SYSTEMS

Computer Application Systems can help you advance your career with hands-on computer training. Our degree and certificate programs offers affordable, flexible training that will help you land the job or promotion you are looking for.

CAS 50 INTRODUCTION TO COMPUTER APPL SYSTEMS 3 Units

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

CAS 54 MICROSOFT EXCEL 3 Units

This course covers an in depth look at Microsoft Excel, a widely used spreadsheet application program that allows users to complete advanced mathematical formulas and functions, display information through graphs and charts with the use a microcomputer. Students will be prepared to take the Microsoft Certification Exams.

CAS 58 MICROSOFT ACCESS 3 Units

This course covers Microsoft Access, which is a DBMS (also known as Database Management System) from Microsoft that combines the relational Microsoft Jet Database Engine with a graphical user interface and software-development tools. Topics such as tables, queries, forms, reports and advanced functions will be covered. This course will prepare students to take the Microsoft Office Specialist Exam for Access.

CAS 71 KEYBOARDING & 10 KEY 3 Units

Students will master the touch operation on a computer keyboard and 10 key pad. Correct fingering by touch and good posturing techniques will be emphasized along with speed and accuracy. Students will use basic word processing functions on a variety of document types.



CAS 74 INTRODUCTION TO LINUX/UNIX 3 Units

This course provides hands-on training of the Linux/Unix operating system. Topics include: installation, management, configuration, security, documentation, utilities, DOS, hacking and file protection on workstations in a LAN environment. **Strongly Recommended:** CAS 50

CAS 75 INTO TO CYBERSECURITY: HACKING 3 Units

This course introduces the network security specialist to the various methodologies for attacking a network. Students will be introduced to the concepts, principles, and techniques, supplemented by hands-on exercises, for attacking and disabling a network within the context of properly securing a network. The course will emphasize network attack methodologies with the emphasis on student use of network attack techniques and tools and appropriate defenses and countermeasures. Students will receive course content information through a variety of methods: lecture and demonstration of hacking tools will be used in addition to a virtual environment. Students will experience a hands-on practical approach to penetration testing measures and ethical hacking. **Strongly Recommended:** CAS 92A

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

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CAS 85 CLOUD INFRASTRUCTURE AND SERVICES 3 Units

This course covers the objectives of the CompTIA Cloud+ and AWS Certified Cloud Practitioner certification exams. Topics included are cloud deployment and service models, cloud infrastructure, and the key considerations in migrating to cloud computing, including compute, storage, networking, desktop and application virtualization. Additional areas of focus are backup/recovery, business continuity, security, and management. **Strongly Recommended:** CAS 83 or , CAS 92A

CAS 92A INTRODUCTION TO NETWORKS 3 Units

This is the first course in the Cisco® Networking Academy. The course covers the basic fundamentals of networking. By the end of the course, students will be able to build simple Local Area Networks (LAN's), perform basic configurations for routers and switches and implement IP addressing schemes. **Strongly Recommended:** CAS 50

COMPUTER SCIENCE

This is an academic program oriented towards satisfying lower division Computer Science requirements for the Computer Science major. Serves as a source of courses for professional programmers to upgrade skills. Courses also provided for majors in mathematics, business, biology, physics, engineering, computer science, geology and related disciplines. It is also intended to meet most university transfer requirements in Computer Science for the Bachelor's degree in Computer Science and related fields.

Computer Scientists work in a variety of jobs the span almost all areas of business and industry. Programmers code and design applications for banking, telecommunications, multimedia, entertainment, education, publishing, accounting, law and countless other fields. We live in a society increasingly driven by computers and by embracing computer technology now, you will always be one step ahead of the competition.

As a graduate of Computer Science you may work in one of the following fields:

- systems analysis
- software design, coding and maintenance (computer programming)
- configuring software to meet the needs of end-users
- installing and adapting commercial software
- technical assistance
- technical writing
- quality assurance
- computer systems administration
- network and database administration
- systems security and network protection
- technical sales and marketing
- management
- research



CSCI 7 INTRODUCTION COMP PROGRAM CONCEPTS 3 Units

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

CSCI 20 INTRODUCTION TO DATA STRUCTURES 4 Units

Design and implementation of larger projects using object-oriented software engineering principles. Emphasis on definition and use of data structures. Includes specification of Abstract Data Types, recursion, dynamic memory allocation, stacks, linked lists, priority queues, graphs, binary trees, heaps, sorting and searching, algorithm analysis, hashing techniques, random access files. **Prerequisite:** CSCI 15 (completed with a grade of "C" or higher) **Strongly Recommended:** MTH 1 (completed with a grade of "C" or higher)

CSCI 8 COMPUTER LITERACY 3 Units

INTRODUCTION to computers including: Microsoft Windows, Microsoft Office, multimedia, using browsers and World Wide Web, types of computer software in use including programming languages, electronic mail, computer-based careers and trends, and other computing issues. No prior computer experience necessary. Recommended for students of any major who want to learn about computers and how to use them. Hands-on laboratory experience. May not receive credit if Computer Application Systems 8 has been completed. **Strongly Recommended:** MTH 55 (completed with a grade of "C" or higher) or , MTH 55A (completed with a grade of "C" or higher) or , MTH 53 (completed with a grade of "C" or higher) or , MTH 53A (completed with a grade of "C" or higher) or Completion of Algebra 2 in high school.

CSCI 21 ASSEMBLY LANGUAGE PROGRAMMING 4 Units

Assembly and machine language, data representation, memory addressing, flow control, procedure calls, exceptions and interrupts. Basics of the relationship between the operating system, applications, and hardware. **Prerequisite:** CSCI 14 (completed with a grade of "C" or higher)

CSCI 14 INTRO TO STRUCTURED PROGRAMMING IN C++ 4 Units

Introduction 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 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 or , MTH 55B or , MTH 55L or , MTH 54 or , MTH 54L (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process **Strongly Recommended:** CSCI 7 (completed with a grade of "C" or higher) or , ENGL 1A

CSCI 41 INTRODUCTION TO UNIX 2 Units

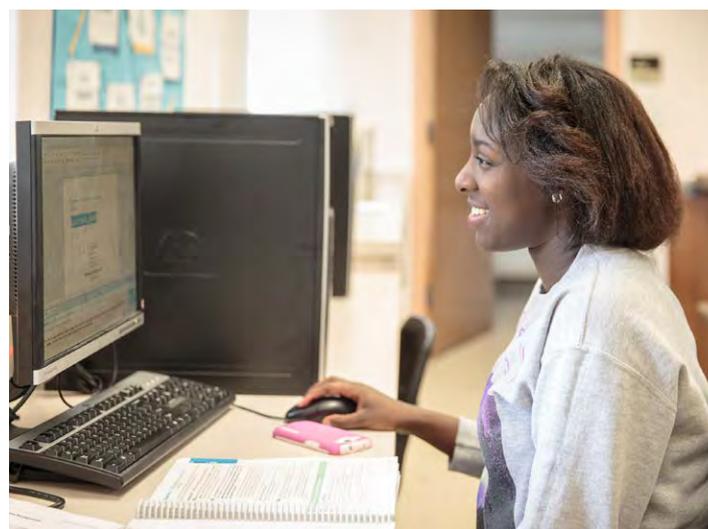
Introduction to the Unix and Linux operating system. The bash shell, common commands, pipelines, UNIX editors, the directory structure.

CSCI 42 UNIX TOOLS, SHELL PRGRMMNG & SYSTM ADMIN 2 Units

An extended examination of Unix/Linux tools, and an introduction to bash shell programming. **Prerequisite:** CSCI 41 (completed with a grade of "C" or higher)

CSCI 15 OBJECT-ORIENTED PROGRAMMING METHODS 4 Units

Object-oriented programming methods employed to design, program, test and document intermediate level problems. Includes strings and string objects, multidimensional arrays, pointers, dynamic allocation, classes, overloaded functions, inheritance and polymorphism, introduction to linked lists. Designed to satisfy Association of Computing Machinery (ACM) guidelines for CS I as required for Computer Science and related transfer majors. **Prerequisite:** CSCI 14 (completed with a grade of "C" or higher) **Strongly Recommended:** MTH 20 (completed with a grade of "C" or higher)



DENTAL HYGIENE

Our Dental Hygiene Associate in Science (AS) degree program can be completed in 2 years and is accredited by the Commission on Dental Accreditation (CODA). The program includes courses such as Clinical Dental Hygiene, Dental Radiology, General and Oral Pathology, Expanded Functions for the Dental Hygienist, Educational Theories in Dental Hygiene, and Community Dental Health.

Successful completion of the two year program qualifies you to take the National Board Dental Hygiene Exam and the regional board exams for licensure as a Registered Dental Hygienist.



DHYG 52A PERIODONTICS 2 Units

Normal periodontium and the deviations from health, with emphasis on the hygienist's responsibility in examination, data collection and recognition of disease. Dental Hygiene therapy for periodontal disease prevention, active case management and maintenance programs. Contributing factors to disease process and case management. Decision-making for patient referral to the periodontal specialist. **Prerequisite:** Dental Hygiene 51 (completed with a grade of "C" or higher).

DHYG 54 PHARMACOLOGY 2 Units

Sources, dosages, therapeutic action, and side effects of drugs used in dentistry and dental hygiene. Includes legal and ethical aspects of drug usage. **Corequisite:** DHYG 57.

DHYG 56A COMMUNITY DENTAL HEALTH I 1 Unit

Study of individual and community oral health problems, relative to personal, family, and public health needs. **Strongly recommended:** COMM 1, or COMM 10, or COMM 30. **Corequisite:** Dental Hygiene 80A.

DHYG 57 EXPANDED FUNCTIONS FOR DH 2 Units

Dental hygiene advanced clinical functions including clinical practice in administration of local anesthetics, topical anesthetic agents, nitrous oxide/oxygen analgesia and soft tissue curettage. **Corequisite:** Dental Hygiene 54 and 81A.

DHYG 60 DENTAL ANATOMY AND MORPHOLOGY 1.5 Units

Development and anatomical structures of the head and neck, oral cavity and dentition including: tooth anatomy, eruption patterns, tooth numbering systems, anomalies, and occlusion. **Prerequisite:** Admission into the Dental Hygiene Program **Corequisite:** DHYG 60S, DHYG 69A and, DHYG 71A

DHYG 60S DENTAL ANATOMY AND MORPHOLOGY 0.5 Units

Supplemental instruction on the development and anatomical structures of the head and neck, oral cavity and dentition. **Corequisite:** DHYG 60

DHYG 61 HEAD AND NECK ANATOMY 2 Units

Anatomy of the head, neck and oral cavity, including anatomical nomenclature. Emphasis on structure and function of the oral cavity with a focus on normal anatomy and their structures. **Corequisite:** DHYG 69A and, DHYG 71A

DHYG 61S HEAD AND NECK ANAT IND STUDY 0.5 Units

Supplemental instruction on the anatomy of the head and neck, with emphasis on normal structures. **Corequisite:** DHYG 61

DHYG 69A ORAL HEALTH CARE EDUCATION 2 Units

Educational techniques and technical skills used to assist individuals and groups in becoming integrally involved in their dental/oral health care. Information and application of information related to oral health care, oral health promotion and disease prevention. **Corequisite:** Current enrollment in the Dental Hygiene Program.

DHYG 71A PRE-CLINICAL DENTAL HYGIENE 4 Units

Laboratory and clinical experiences in patient assessment, dental hygiene care planning, goal setting and implementation of instrumentation techniques for providing prevention oriented dental care and non-surgical periodontal therapy. Emphasis on post-treatment evaluation. Application of theory to the treatment of clinical patients. **Corequisite:** Dental Hygiene 60, 69A and 71S

DHYG 71S PRE-CLIN DENTAL HYG IND STUDY 1 Unit

Supplemental instruction in the use of dental hygiene instruments. Emphasis on instrumentation techniques including the use of fulcrum options, modified pen grasp, direct and indirect vision. **Corequisite** DHYG 71A

DHYG 74A DENTAL RADIOGRAPHY I 3 Units

Introduction to principles of radiography, radiation safety, operation of x-ray equipment, infection control procedures and hazardous waste maintenance. Practice in placement and technique for diagnostic images. **Prerequisite:** current enrollment in the Dental Hygiene program.

DHYG 80A PATIENT MANAGEMENT 1 Unit

Dental Hygiene management for the pediatric, adolescent, adult and geriatric patient. Course will focus on student awareness of each case type and discussion on characteristics in specific life stages. **Prerequisite:** DHYG 71B **Corequisite:** DHYG 56A and DHYG 81A

DHYG 81A CLINICAL PRACTICE I 5 Units

Continuation of clinical experience in performing dental hygiene therapy with emphasis on patient type categories including: Child, Adolescent, Adult, Geriatric and Special Needs. Focus on patient treatment of periodontal disease within the clinical setting, including education in prevention and control of dental disease and emergency procedures. **Prerequisite:** DHYG 69B and DHYG 71B **Corequisite:** DHYG 56A and DHYG 57 and DHYG 80A and DHYG 83.

DHYG 82A CLINICAL EXPERIENCE SEMINAR I 1 Unit

Discussion and analysis of case-based clinical situations. Case studies addressing client care, protocol and advanced clinical techniques. Exploration of and education in cultural and linguistic competence. **Corequisite:** DHYG 80A.

DIGITAL MEDIA

The Graphic Design & Digital Media program teaches students to apply the principles of layout, composition, typography, and image manipulation to become professionals in the industry. We offer a supportive and creative environment for visual art, graphic design, and motion graphics. Students learn an array of technical skills using Adobe's Creative Suite—Illustrator, Photoshop, InDesign, PremierePro, and AfterEffects. In our web program, students also learn to work with HTML and CSS.

DIGM 1 INTRODUCTION TO DIGITAL ART 3 Units

Introduction to fundamental concepts, practices, and theories of digital art production. Topics include integration of traditional design, color, and compositional principles with contemporary digital tools.

DIGM 2 INTRODUCTION TO GRAPHIC DESIGN 3 Units

Introduction to the essential visual elements of graphic design. Exploration of the principles, concepts, and protocols used for effective visual communication.

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

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DIGM 4A DIGITAL ILLUSTRATION

3 Units

Introduction to the principles of illustration using digital tools. Through lectures, demos and assignments students are exposed to and practice digital illustration skills for design, editorial, and animation. **Strongly Recommended:** ART 2A (completed with a grade of "C" or higher)

DIGM 5 TYPOGRAPHY

3 Units

Typography explores the art, process, and technical approach to ideating and producing successful typography for visual communication and design. Students use vector based tools to create, modify, place and design compositions using typography as an essential design element. **Strongly Recommended:** DIGM 41 (completed with a grade of "C" or higher)

DIGM 6A PHOTOSHOP

3 Units

Introduction to the use of Adobe Photoshop for retouching, editing, and compositing digital images. Students contrast, exposure, color balance, to create enhanced compositions. May not receive credit if PHOT 6A or PHOT 66 have been successfully completed. **Strongly Recommended:** PHOT 1A (completed with a grade of "C" or higher)

DIGM 10A INTRODUCTION TO ANIMATION

3 Units

Students explore animation principles using analog media, including, phonotropes, stop motion animation, claymation and flip books. Digital aspects of animation are also explored to create short mini animation sequences. **Strongly Recommended:** DIGM 11 (completed with a grade of "C" or higher)

DIGM 11 VIDEO EDITING

3 Units

Introduction to the art of digital video editing using industry standard software. Students explore the theory and practice of various editing styles in order to gain a better understanding of how stories are constructed in the editing room.

DIGM 14 3D MODELING & ANIMATION

3 Units

3D Animation includes the fundamentals of 3D modeling; including materials, textures, and surfacing, as well as lighting and scene creation. Students also animate simple objects and characters using animation software. **Strongly Recommended:** DIGM 10A (completed with a grade of "C" or higher)

DIGM 15 WEB DESIGN FUNDAMENTALS

3 Units

Introduction to the design elements required to create a visually compelling website or user experience. Emphasis on design and layout, vector based graphics, and style consistency. Students learn to create a style guide to ensure continuity of design throughout the build process. **Strongly Recommended:** DIGM 2 (completed with a grade of "C" or higher)

EARLY CHILDHOOD DEVELOPMENT

The earliest years of life are critical to building a foundation for lifelong learning. Young children need settings in which they can learn and explore in a nurturing and educationally rich environment, with teachers who understand how to foster their social, emotional and cognitive development. If you want to become an Early Childhood Educator and create quality educational programs for young children, welcome to the Chabot College Early Childhood Development (ECD) Program. Course offerings in Chabot's ECD program align closely with Community Care Licensing regulations and the requirements for the Child Development Permit granted by the Commission on Teacher Credentialing.



ECD 31 PERFORMING ARTS: PRSCHL FNDTNS

1 Unit

Introduction to the performing arts domain of the California Preschool Learning Foundations and Frameworks including strands of music, drama, and dance. Provides practical strategies for implementing the curriculum frameworks developed for this domain. Applicable to required or professional development units for Child Development Permit holders, pre-school, transitional kindergarten, and early- primary teachers.

ECD 36 VISUAL ARTS: PRESCH FOUND

1 Unit

Introduction to the visual arts domain of the California Preschool Learning Foundations and Frameworks including artistic expression and response, and skills using various art mediums. Provides practical strategies for implementing the curriculum frameworks developed for this domain. Applicable to required or professional development units for Child Development Permit holders, pre-school, transitional kindergarten, and early-primary teachers.

ECD 50 ECD PRINCIPLES AND PRACTICES

3 Units

Explores the typical roles and expectations of early childhood educators emphasizing the key role of relationships, constructive adult-child interactions. Identifies professional ethics, career pathways, and professional standards. Introduces best practices for developmentally appropriate learning environments, curriculum, and effective pedagogy for young children including how play contributes to children's learning, growth, and development.

ECD 52 CHILDHOOD AND ADOLESCENCE

3 Units

Concentrating on the portions of the lifespan from middle childhood continuing through adolescence and addressing both typical and atypical children's progress across all developmental domains.

ECD 54 CHILD HEALTH/SAFETY/NUTRITION

3 Units

Course covers the regulations, standards, policies, procedures, and best practices related to health, safety, and nutrition in care and education settings for children birth through middle childhood. Includes the teacher's role in prevention strategies, first aid, emergency preparedness, infectious illnesses, nutrition and meal planning.

ECD 56 CHILD GROWTH AND DEVELOPMENT

3 Units

Examines the progression of development in the physical, cognitive, social, and emotional domains and identifies developmental milestones for children both typical and atypical from conception through adolescence.

ECD 59 LITERACY IN EARLY CHILDHOOD

3 Units

Learn about language and literacy development improving teachers' knowledge of early literacy development in children from infancy to school age. We will discuss the how to support language development, prompt a love of books and build pre-literacy skills in a play-based setting. The student will develop knowledge and understanding of the normal development of language and literacy in young children, including multi-language learners. Explore the teacher's role in fostering and facilitating emergent literacy by reading books, storytelling, story writing, and using puppets, flannel boards and props. Acquire skills and strategies to help children develop phonemic and phonological awareness, learn to decode. **Strongly Recommended:** ECD 56.

ECD 60 YOUNG CHILD/EXCEPTIONAL NEEDS

3 Units

Introduces the variations in development of infants and children with exceptional needs and the resulting impact on families. Includes an overview of historical and societal influences, laws relating to children with exceptional needs, and the identification and referral process. Assessments, interventions, and learning environments for infants and children with exceptional needs. **Prerequisite:** ECD 56 (completed with a grade of "C" or higher).

ECD 62 CHILD, FAMILY AND COMMUNITY

3 Units

Explores the role of collaboration between family, community, and schools in supporting children's development, birth through adolescence.

ECD 63 EARLY CHILDHOOD CURRICULUM

4 Units

Students in a supervised lab setting will plan learning experiences in all content areas based on developmentally appropriate practices and learning theories which support children's physical, social, emotional, cognitive, and creative needs birth to age eight within a play based, inclusive and cultural setting. **Prerequisite:** ECD 50 and ECD 56

ECD 67 INFANT/TODDLER DEVELOPMENT

3 Units

A study of infants and toddlers from preconception to 36 frameworks to interpret behavior and interactions between heredity and environment. Examination of best practices, responsive caregiving techniques, environments, infant/toddler learning foundations, health, safety, and licensing requirements. **Prerequisite:** ECD 56 (completed with a grade of "C" or higher).

ECD 68 ADMIN II: PERSONNEL & LEADERSHIP

3 Units

Effective strategies for personnel management and leadership in early care and education settings. Includes legal and ethical responsibilities, supervision techniques, professional development, and reflective practices for a diverse and inclusive early care and education program. **Prerequisite:** ECD 62 (completed with a grade of "C" or higher) and , ECD 63 (completed with a grade of "C" or higher).

ECD 69 CHILD STUDY: OBSERVATION AND ASSESSMENT

3 Units

Learn about tools and strategies to document young children's development and learning, and how to use your findings to plan learning environments and experiences. Get direct experience with recording strategies, portfolios, and methods for collaboration with families and professionals. **Prerequisite:** ECD 56 (completed with a grade of "C" or higher)

ECD 79 TEACH IN A DIVERSE SOCIETY

3 Units

In this course, you will learn to create inclusive and anti-racist classroom communities, and explore strategies for developmentally, culturally and linguistically appropriate anti-bias curriculum. Through self-reflection and discussion, find out how to recognize and confront barriers that might interfere with your ability to work effectively with diverse populations of children and families.

ECD 83 ADULT MENTORING & SUPERVISION

2 Units

Methods and principles of mentoring and supervising adults in Early Care and Education settings. Emphasis on the role of experienced classroom teachers who function as mentors to new teachers while simultaneously addressing the needs of children, families and other staff. **Prerequisite:** ECD 62 (completed with a grade of "C" or higher) and , ECD 63 (completed with a grade of "C" or higher)

ECD 90 PRACTICUM/SUPERVISE EXPERIENCE

4 Units

Practicum lab experience with young children under the supervision of an ECE/CD faculty and other qualified early education professionals where student will demonstrate developmentally appropriate early childhood program planning and teaching competencies. Students will explore career pathways, develop professional behaviors, and make connections between theory and practice. Child centered, play-oriented approaches to teaching, utilizing assessment tools, knowledge of curriculum content areas, and reflective practice will be emphasized as student teachers design, implement and evaluate learning experiences that promote positive development and learning for all young children. **Prerequisite:** ECD 63 (completed with a grade of "C" or higher) , ECD 62 (completed with a grade "C" or higher) , ECD 50 (completed with a grade of "C" or higher) , ECD 56 (completed with a grade of "C" or higher)

ECD 95 WORK EXPERIENCE

1 Unit

Apply theory to practice in a supervised paid or volunteer work experience or internship. Collaborate with your instructor and your supervisor to set goals, establish learning objectives, and build your competencies while working with children in care and education settings. **Corequisite:** ECD 96

ECD 96 WORK EXPERIENCE SEMINAR

1 Unit

While working with children in a care and education setting, develop professional skills and explore issues pertaining to the modern workplace, including ethical dilemmas and conflicts often encountered by teachers and caregivers. **Corequisite:** ECD 95

ECD 210 INTRODUCTION TO INFANT/TODDLER CARE

0 Units

Growth and development of infants/toddlers aged 0-36 months: Physical, cognitive, psycho-social, and creative development; influence of environment on development; feeding concerns; and the child's impact on the family.

ECONOMICS

An Economics education provides students with a logical way to approach various problems. Students learn techniques for analyzing contemporary economic problems and develop the ability to evaluate public policy issues. We seek to instill in students a broad understanding of the principles and methods of economics and their value in government and in the study of society.

The program offers introductory courses in general economics, micro and macro economics. These courses constitute typical lower division preparation for a major in economics, and satisfy general education in social science.



ECN 1 PRINCIPLES OF MICROECONOMICS

3 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:** Eligibility for ENGL 1A. **Prerequisite:** MTH 53 (completed with a grade of "C" or higher) , MTH 53B (completed with a grade of "C" or higher) , MTH 65 (completed with a grade of "C" or higher) , MTH 65B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the mathematics assessment process.

ECN 2 PRINCIPLES OF MACROECONOMICS

3 Units

Economic analysis of the theory of income determination, including national income analysis, business cycles, the consumption function, the multiplier, fiscal policy, monetary policy, money and banking, the public debt, economic growth and development, comparative economic systems and international trade. **Strongly Recommended:** ENGL 1A. **Prerequisite:** MTH 53 or, MTH 53B or, MTH 65 or, MTH 65B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.

ECN 10 GENERAL ECONOMICS

3 Units

Survey of the economic system of the United States, covering such macroeconomic and microeconomic and microeconomic topics as supply and demand, firms' output and pricing decisions, international trade, comparative economic systems, economic growth, business cycles, fiscal and monetary policy, labor, and money and banking.

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

For the most current class information, scan the QR code for the searchable online class schedule at www.chabotcollege.edu/courses



ELECTRONIC SYSTEMS TECHNOLOGY

This exciting field will prepare you for the technical careers of the 21st century!



ESYS 50 INTRO ELECTRONIC SYSTEMS TECHNOLOGY 4 Units

Introduction to electronic systems and circuits. Overview of career opportunities and job duties with electronic systems technology. Direct current and alternating current circuits including Ohm's law and Kirchhoff's laws. Measurement and characterization of electronic systems at the block diagram level. Laboratory practice includes the proper use of standard test instruments. **Strongly Recommended:** INDT 74 (completed with a grade of "C" or higher)

ESYS 54 ANALOG CIRCUITS/SEMICONDUCTOR DVC 3 Units

Analog circuits, including amplifiers, oscillators, and filters, using single-chip analog devices, operational amplifiers, field-effect transistors, bipolar transistors. **Strongly Recommended:** ESYS 52

ESYS 57 PLCS & PROCESS CONTROL SYSTEMS 3 Units

Programmable logic control systems. PLC input/output systems and requirements. Ladder logic and SCADA programming using basic instructions for input/output, logic, timers, counters, and comparison functions. **Strongly Recommended:** ESYS 50 (completed with a grade of "C" or higher)

ESYS 63 IT ESSENTIALS PC HARD/SOFTWARE 3 Units

Cisco Networking Academy IT Essentials course. Students will learn the internal components of a computer, assemble a computer system, install an operating system, and troubleshoot using system tools and diagnostic software.

ESYS 250 INTRO ELECTRONIC SYSTEMS TECHNOLOGY 0 Units

This course is a great opportunity to build a solid foundation of understanding electronics technology. This course is free and students may repeat this course until mastery of the skills is met.

ESYS 254 ANALOG CIRCUITS/SEMICONDUCTOR DVC 0 Units

Analog circuits, including amplifiers, oscillators, and filters, using single-chip analog devices, operational amplifiers, field-effect transistors, bipolar transistors. **Strongly Recommended:** ESYS 250 (completed with a grade of "P" or higher) or , ESYS 50 (completed with a grade of "C" or higher)

ESYS 257 PLCS & PROCESS CONTROL SYSTEMS 0 Units

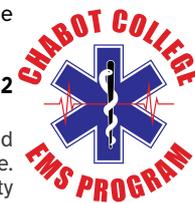
Programmable logic control systems. PLC input/output systems and requirements. Ladder logic and SCADA programming using basic instructions for input/output, logic, timers, counters, and comparison functions. **Strongly Recommended:** ESYS 250 (completed with a grade of "P" or higher) or , ESYS 50 (completed with a grade of "C" or higher)

ESYS 263 IT ESSENTIALS PC HARD/SOFTWARE 0 Units

Cisco Networking Academy IT Essentials course. Students will learn the internal components of a computer, assemble a computer system, install an operating system, and troubleshoot using system tools and diagnostic software.

EMERGENCY MEDICAL SERVICES

Emergency Medical Technician (EMT) is projected to grow 24% between 2014-2024. Our EMT courses will provide you with the necessary coursework and information regarding applying for certification in becoming an EMT.



EMS 1 EMERGENCY MEDICAL RESPONDER 3 Units

This course is designed to provide students with the basic knowledge and skills to manage a variety of medical and trauma-related emergencies. Students will learn through lecture and lab practice how their role as an Emergency Medical Responder aligns with the Emergency Medical Services community. This is the pre-requisite for the EMS2/2W (EMT) course. May not receive credit if Health 61 has been completed successfully.

EMS 3 EMERGENCY MEDICAL TECHNICIAN ACADEMY 9 Units

Provides training in the foundational skills and knowledge required of the EMT-B scope of practice. The EMT-B certification is the minimum requirement for ambulance attendants and most entry level firefighter positions. Immunizations requirements must be met by first day of class. **Prerequisite:** EMS 1 (completed with a grade of "C" or higher)

EMS 4 EMERG MED TECH-BASIC REFRESHER 2 Units

Provides refresher training in the knowledge, skills, and abilities required of the EMT-Basic scope of practice. 40 total hours accredited by the Alameda County EMS Agency, including CE's and skills competency verification to National Registry standards. **Prerequisite:** EMT and BLS certification. There are assignments to complete outside of class; All hours must be attended; You will receive a skills competency verification form and 24 hours of CE upon successful completion. You are requested to log into Canvas prior to the first day of class for further instructions. If there is an issue with enrolling, please request a form from counseling to confirm that you are repeating this class for vocational purposes and/or that you met the prerequisite at another school. Total - 2 weeks. **Prerequisite:** Current EMT certification

EMS 8 HEALTH & FITNESS FOR EMS 3 Units

Health, wellness and physical fitness are examined from a global and occupational viewpoint. Designed to support those students in the emergency response disciplines. **Strongly Recommended:** EMS 3 (completed with a grade of "C" or higher)

ENGINEERING

Our Engineering academic program is designed to provide the foundation for subsequent transfer to a CSU or UC Engineering program, as well as putting students on the path to transfer, and ensuring that students develop a strong foundation in engineering, mathematics, and the sciences.

ENGR 10 INTRODUCTION TO ENGINEERING 2 Units

Introduction to careers, activities, and topics related to the field of engineering, including computer applications design and problem solving.

ENGR 11 ENGINEER DESIGN AND ANALYSIS 2 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 requires the application of some external power source. **Prerequisite:** ENGR 10 (completed with a grade of "C" or higher) **Strongly Recommended:** ENGR 22

ENGR 15 ENGINEERED SYS SUSTAINABILITY

3 Units

An introduction to key engineered systems (e.g., energy, water supply, buildings, transportation) and their environmental impacts. Basic principles of environmental science needed to understand natural processes as they are influenced by human activities. Overview of concepts and methods of sustainability analysis. Critical evaluation of engineering approaches to address sustainability. **Prerequisite:** CHEM 1A (completed with a grade of "C" or higher) and , MTH 1 (completed with a grade of "C" or higher)

ENGR 16 DESIGN INFO DEVICE & SYSTEMS I

4 Units

This course provides a foundation for core topics in signal processing, learning, control, and circuit design while introducing key linear-algebraic concepts motivated by application contexts. Modeling is emphasized in a way that deepens mathematical maturity. **Prerequisite:** MTH 2 (completed with a grade of "C" or higher) and CSCI 14 (completed with a grade of "C" or higher)

ENGR 22 ENGINEERING DESIGN GRAPHICS

3 Units

Learn how to bring your ideas into reality! This course covers the design process: from how to create 2D and 3D computer-aided design (CAD) models through 3D printing your own creations. **Prerequisite:** MTH 22 or MTH 36 or MTH 37.

ENGR 25 COMPUTATIONAL METHODS FOR ENGINEERS

3 Units

Methodology and techniques for solving engineering/science problems using numerical-analysis computer-application programs MATLAB, SimuLink, MuPad, and EXCEL. Technical computing and visualization using MATLAB software. Examples and applications from applied-mathematics, physical-mechanics, electrical circuits, biology, thermal systems, fluid systems, and other branches of science and engineering. May not receive credit if Mathematics 25 or Physics 25 has been completed. **Prerequisite:** MTH 1.

ENGR 36 ENGINEERING MECHANICS -STATICS

3 Units

This course prepares students to build and design large non-movable structures by investigating forces, torque, hydro-static pressure, inertia, and friction. Students will replicate and design physical, virtual, and mathematical static structures with the aid of laboratory equipment, 3D modeling software, and MATLAB. **Prerequisite:** ENGR 25 (same as MTH 25, PHYS 25) and PHYS 7A or PHYS 4A and MTH 2.

ENGR 45 MATERIALS OF ENGINEERING

4 Units

Application of principles of chemistry and physics to the properties of engineering materials. The relation of micro-structure to mechanical, electrical, thermal and optical properties of metals. **Prerequisite:** ENGR 25 (same as MTH 25, PHYS 25) or PHYS 25 (same as MTH 25, ENGR 25) or MTH 25 (same as ENGR 25, PHYS 25) and PHYS 7A or PHYS 4A and CHEM 1A.

ENGLISH

In the Chabot College English Department we teach reading, writing, and critical thinking. In our classes we work with texts and ideas, and connect them to our experience as human beings. We are a student-centered and equity-focused department that aims to help all Chabot students achieve their academic, professional, and personal goals. We offer composition, literature, and creative writing courses that can fulfill your GE, AA, AA-T and transfer requirements, or be transferable electives.

We offer an AA-T and AA in English, an AA in Creative Writing and Certificates in Creative Writing and in Non-Credit Preparation for English Composition.



ENGL 1 CRITICAL READING & COMPOSITION

4 Units

This is an introductory course offering integrated instruction in reading, critical thinking, and expository and argumentative writing, intended to develop the ability to read and write complex, college-level prose. Examination of ideas in relation to individuals' world view and contexts from which these ideas arise. Some research required. **Prerequisite:** Eligibility for college-level composition as determined by multiple measures or other appropriate method or ENGL 102

ENGL 4A CRITICAL THINK & WRITE LITERATURE

4 Units

Develops critical thinking, reading, writing and research skills through analysis of fiction (short stories and novel), poetry, and drama by diverse writers. **Prerequisite:** ENGL 1 (completed with a grade of "C" or higher) or ENGL 1A (completed with a grade of "C" or higher)

ENGL 7A CRITICAL THINK & WRITE ACROSS DISCIPLINES

4 Units

Develops critical thinking, reading, writing, and research skills as they apply to the analysis of primary and secondary non-fiction books, articles, and essays from a range of academic and cultural contexts. **Prerequisite:** ENGL 1 (completed with a grade of "C" or higher) or ENGL 1A (completed with a grade of "C" or higher)

ENGL 11A INTRODUCTION TO CREATIVE WRITING

3 Units

This is an introductory course offering practice in the elements of creative writing, including narrative, verse, and dialogue, using materials drawn from individual's own work and selected texts. **Prerequisite:** ENGL 102 (completed with a grade of "P" or higher) or Eligibility for: ENGL 1 as determined by multiple measures or other appropriate method. Advisory: ENGL 1 (completed with a grade of "C" or higher) or ENGL 1A (completed with a grade of "C" or higher)

ENGL 11B INTERMEDIATE CREATIVE WRITING

3 Units

This course offers practice in creative writing at an intermediate level. Builds on the skills developed in ENGL 11A including fiction, poetry, and play writing, using materials drawn from individual's own work and selected texts. **Prerequisite:** ENGL 11A (completed with a grade of "C" or higher)

ENGL 11C ADVANCED CREATIVE WRITING

3 Units

English 11C is a course that offers practice in creative writing at an advanced level. It builds on the skills developed in English 11A/B including fiction, poetry, and play writing, using materials drawn from individual's own work and selected texts. Completion of: ENGL 11B (completed with a grade of "C" or higher)

ENGL 12A BEGINNING FICTION WRITING

3 Units

This class serves as a beginning course in the practice of writing fiction. Developing internal and external sources for stories and novels; characterization, plotting, point of view, narrative techniques; analysis and criticism of published writing and individual's own work. **Prerequisite:** ENGL 102 (completed with a grade of "P" or higher) or Eligibility for ENGL 1 as determined by multiple measures or other appropriate method.

ENGL 12B INTERMEDIATE FICTION WRITING

3 Units

Practice in writing fiction at an intermediate level. Builds on the skills developed in English 12A by requiring greater use of description, detail, character development, consistent point of view, and logical plotting that avoids cliché. Focus on developing themes that create intellectual or emotional resonance. Expectation of sentence structure, grammar, and format accuracy. Develop internal and external sources for stories and novels; analysis and criticism of published work. Requires submission for publication at the end of the semester. **Prerequisite:** ENGL 12A (completed with a grade of "C" or higher)

ENGL 22 MEX AMER/LATINX LIT OF U.S.

3 Units

Introduction to short stories, novels, poetry, memoirs, Latinx literary traditions in the US. Literary works will be analyzed in the context of the historical growth of Mexican American and Latinx identity in the United States during the 19th, 20th and 21st centuries.

ENGL 25 ASIAN-AMERICAN LITERATURE

3 Units

Introduction to literary works of fiction, poetry, drama and the essay that reflect and explore the diversity of Asian-American experiences. Analysis of literature in the context of the historical growth of Asian-American identities and communities, with a focus on the 20th and 21st centuries. Topics range from "perpetual foreigner syndrome," to the Model Minority Myth and Internalized oppression, to generation gaps within families, to expressions of cultural pride.

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

For the most current class information, scan the QR code for the searchable online class schedule at www.chabotcollege.edu/courses



ENGL 32 U.S. WOMENS LITERATURE

3 Units

Chronicles the expression of U.S. women authors through readings in a variety of genres such as fiction, poetry, drama, and the essay. Explores works by authors of varied racial and ethnic backgrounds in an effort to understand the diversity of women's voices, especially in the 20th century.

ENGL 35 MODERN & CONTEMPORARY U.S. LIT

3 Units

U.S. literature from the second half of the 19th Century to the present, including poetry, drama, prose fiction, and essays. **Prerequisite:** Eligibility for ENGL 1 as determined by multiple measures or other appropriate method or ENGL 102 (completed with a grade of "P" or higher) or ENGL 101B (completed with a grade of "P" or higher) **Strongly Recommended:** ENGL 1 (completed with a grade of "C" or higher) or , ENGL 1A (completed with a grade of "C" or higher)

ENGL 48 LITERATURE OF THE HOLOCAUST

3 Units

Explores the literature of the Holocaust through readings in a variety of genres including the memoir, essays, fiction, poetry, and film.

ENGL 201A NONCREDIT PREP COMPOSITION I

0 Units

Non-credit course in which students will practice academic reading, critical thinking, and writing expected in credit classes or degree-applicable classes. This is the first 9-week course in a two-course Certificate of Competency in Preparation for English Composition. The course is free to students and repeatable until mastery of the skills is met. **Strongly Recommended:** Informed Course Selection Tool (ICST)

ENGL 201B NONCREDIT PREP COMPOSITION II

0 Units

Non-credit course in which students will practice academic reading, critical thinking, and writing expected in credit classes or degree applicable classes. This is the second 9-week course in a two-course sequence but may also be taken as a stand alone course leading to a Certificate of Competency in Preparation for English Composition. The course is free to students and repeatable until mastery of the skills is met. **Strongly Recommended:** Eligibility for ENGL 201A (completed with a grade of "P" or higher) and/or Informed Course Selection Tool

ENGL 202 NONCREDIT READING AND WRITING

0 Units

Preparation for academic reading, critical thinking, and writing expected in transfer and associate-degree classes. This course is tuition free and students may repeat this course until mastery of the skills is met. Noncredit course that is equivalent to the English 102 credit course of the same title.

ENGL 210 ENGLISH JAM: NON-CREDIT COMP

0 Units

In the English Jam students will review and practice components of academic reading and writing in a supportive environment. This is a non-credit class, tuition-free and repeatable, and can count towards earning a Non-credit Preparation for English Composition certificate.

ENGL 215 SUPPORT WITH WRITING AND READING

0 Units

Support with reading and writing. Students meet regularly with an English 215 instructor, as well as with WRAC tutors and WRAC English/ESL instructors, on a customized learning plan. This course is free and repeatable. This course is intended to assist and prepare students to be successful in college-level credit coursework.

ENGLISH AS A SECOND LANGUAGE

The ESL program at Chabot College is for learners of English. You will improve your English skills for college, work, and daily life. We want to help you reach your goals!

In ESL classes you can:

- Improve your English reading, writing, grammar, listening and speaking skills;
- Earn college credits towards a degree, or complete a noncredit ESL certificate program;
- Make friends and build your confidence in English.



Chabot College has five levels of ESL classes, from High-Beginning to Advanced. We do not have beginner level classes. We recommend beginners start at an Adult School until they can read, write, and speak English in full sentences. Each class is one semester, 18 weeks long. Our core program includes Reading, Writing and Grammar classes at each level. You can also take Listening and Speaking classes. In our first 3 levels, we offer noncredit classes. That means you only need to pay the \$33 student fee each semester. The classes are tuition-free.

Levels 4-5 are our academic ESL program. Students can earn credits that are transferable to the California State University and the University of California schools. When students complete our advanced level courses, they are well prepared for English 1 (transfer level English) and/or a professional career. You will pay regular college tuition for these levels, so you may want to apply for financial aid.

ESL 15A ADVANCED READING AND COMPOSITION 1

5 Units

This is the first semester of a one-year advanced ESL reading and writing course for academic purposes. Emphasis is on critical reading techniques and writing analytical essays as well as on grammar and vocabulary development. **Prerequisite:** ESL 110 C (Completed with a grade of "P" or higher)

ESL 15B ADVANCED READING AND COMPOSITION 2

5 Units

This is the second semester of a one-year advanced ESL reading and writing course for academic purposes. Emphasis is on critical reading techniques and writing analytical essays as well as on grammar and vocabulary development. **Prerequisite:** ESL 15A (completed with a grade of "P" or higher)

ESL 16B ADVANCED ESL GRAMMAR: SENTENCE STRUCTURE

3 Units

Advanced grammar and editing instruction in English sentence structure, phrases and clauses. **Prerequisite:** ESL 110C (completed with a grade of "P" or higher)

ESL 110A LOW INTERMEDIATE READ/WRITE/GRAMMAR

6 Units

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

ESL 110B INTERMEDIATE READ/WRITE/GRAMMAR

6 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/WRITE/GRAMMAR

6 Units

Expository paragraphs and short essays; fiction and non-fiction reading; emphasis on the development of vocabulary and grammatical structures of written English. **Prerequisite:** ESL 110B (completed with a grade of "P" or higher) or Eligibility for: ESL 110C demonstrated through the ESL Placement Process

ESL 111A PRONUNCIATION

2 Units

Improve your speaking skills in this all-levels class in English pronunciation. Class will cover syllables, stress, vowel and consonant formation, difficult words and fast speech. The goal is to give you more confidence while speaking English.

ESL 111B ACADEMIC LISTENING & SPEAKING

2 Units

This is a credit course in ESL Listening and Speaking at the High-Intermediate Level. Students will gain listening comprehension skills and oral fluency for the academic and professional environment. **Strongly Recommended:** Eligibility for ESL 110C or advanced ESL levels.

ESL 120 WRITING WORKSHOP FOR NON-NATIVE SPEAKERS

0.5 Units

This course is for non-native speakers of English who are taking English courses or other courses that require academic writing. It is also open to students enrolled in ESL courses. Pre-writing and paragraph-level organization are emphasized, but all aspects of the writing process are addressed as needed on an individual basis.

ESL 210 PREP FOR ACADEMIC ESL READING 0 Units

This FREE, noncredit, academic ESL reading and vocabulary course is part of a three course noncredit Certificate of Competency in Preparation for college ESL. Upon completing this course, students will be ready to read at a level appropriate for ESL 110A, the first course in our ESL credit courses. Students will be placed into noncredit courses by the ESL placement process. Students may take ESL 210 concurrently with ESL 220 and ESL 230 to earn their Certificate of Competency and to be fully prepared for ESL 110A.

ESL 220 PREP FOR ACADEMIC ESL WRITING 0 Units

This FREE, noncredit, academic ESL writing and grammar course is part of a three course noncredit Certificate of Competency in Preparation for college ESL. Upon completing this course, students will be ready to write at a level appropriate for ESL 110A, the first course in our ESL credit courses. Students will be placed into noncredit courses by the ESL placement process. Students may take ESL 220 concurrently with ESL 210 and ESL 230 to earn their Certificate of Competency and to be fully prepared for ESL 110A.

ESL 230 PREP FOR ACADEMIC ESL LISTENING/SPEAKING 0 Units

This FREE, noncredit, academic ESL listening and speaking course is part of a three course noncredit Certificate of Competency in Preparation for college ESL. Upon completing this course, students will have the listening comprehension skills and oral fluency appropriate for ESL 110A, the first course in our ESL credit courses. Students will be placed into noncredit courses by the ESL placement process. Students may take ESL 230 concurrently with ESL 210 and ESL 220 to earn their Certificate of Competency and to be fully prepared for ESL 110A.

ESL 240A LOW INTER READING, WRITING, & GRAMMAR 0 Units

A comprehensive review of basic sentence types; short writing assignments; reading fiction and nonfiction; reinforces fluency in reading, writing, and grammar. This course is a noncredit course that is equivalent to the ESL credit course of the same title. This course is part of a Certificate of Completion.

ESL 240B INTER READING, WRITING, & GRAMMAR 0 Units

Logical paragraph development; reading both fiction and nonfiction; emphasis on the development of vocabulary and grammatical structures of written English. This course is a noncredit course that is equivalent to the credit course of the same title. This course is part of a Certificate of Completion. **Prerequisite:** ESL 240A (completed with a grade of "P" or higher) or , ESL 110A (completed with a grade of "P" or higher) or Eligibility for ESL 110B/240B demonstrated through the ESL Placement Process

ESL 242A LOW INTER LISTENING & SPEAKING 0 Units

This is a noncredit course in ESL Listening and Speaking at the Low Intermediate Level. Students will gain listening comprehension skills, oral fluency, study skills, and be introduced to Chabot College services and activities. Recommendation to take the course concurrently with ESL 110A This course is part of a Certificate of Completion. **Strongly Recommended:** Eligibility for ESL 110A or , ESL 240A

ENTREPRENEURSHIP

Chabot is proud to offer the most comprehensive series of courses and certificate programs in Entrepreneurship of any community college in the Bay Area!

An entrepreneur is defined as someone who organizes a business venture and assumes the risk for it. Entrepreneurs have been called the lifeblood of our economy as they account for significant portion of new job creation each year. Not to mention that entrepreneurs create most new product innovations. In short, Entrepreneurs rock.

Chabot's Entrepreneurship courses, certificates, and associate degree will provide you with the skills you need to start and succeed in a new business.



ENTR 1 INTRODUCTION TO ENTREPRENEURSHIP 3 Units

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

ENTR 16 MAKING THE PITCH 1 Unit

This course introduces students to the process of articulating the value of an entrepreneurial venture in the form of an oral presentation. This is known as an elevator pitch. **Strongly Recommended:** ENTR 1 (completed with a grade of "C" or higher)

ENTR 5 THE ENTREPRENEURIAL MINDSET 3 Units

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

ENTR 20 MARKETING FOR ENTREPRENEURS 3 Units

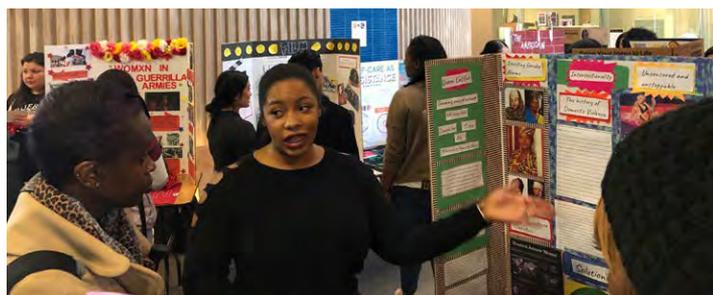
Marketing for Entrepreneurs introduces students to core marketing strategies and techniques for start-ups and small businesses. Focus on low-cost, flexible, innovative marketing tools including social media and Internet marketing.

ENVIRONMENTAL STUDIES

Chabot College offers an Associate in Arts Degree in Environmental Studies to provide students with a multidisciplinary overview of relationships between humans and the physical world. Contemporary environmental issues are examined from the vantage points of natural systems and ecology, human culture and cultural diversity, and modern political economy. The program enables the student to place emphasis on one of four approaches to the study of environment: the social/behavioral environment, social issues and ethics, environment and human health, or the physical/ecological environment.

ENST 1 INTRODUCTION TO ENVIRONMENTAL STUDIES 3 Units

An interdisciplinary investigation of environmental issues, including perspectives on environmental change and quality from the vantage points of history, geography, anthropology, philosophy and ethics, law, politics, economics, and social justice.



Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

For the most current class information, scan the QR code for the searchable online class schedule at www.chabotcollege.edu/courses



ETHNIC STUDIES

Ethnic Studies is an interdisciplinary and unique scholarly field that centralizes and redefines the experiences of people of color in the United States, using an intersectional analysis. Born out of the people power movements of various communities of color in the 1960s and the efforts of the third world Liberation Front, Ethnic Studies emphasizes on the praxis of resistance and liberation in order to eliminate all forms of injustice and oppression, especially along race and ethnicity.

Ethnic Studies is an interdisciplinary program with a focus on the history, literature and cultures of African-Americans, Asian/Pacific Islander-Americans, Chicano-Latinos, Native Americans and Middle Eastern Americans.



ES 1 INTRODUCTION TO ETHNIC STUDIES 3 Units

An introduction to Ethnic Studies, an interdisciplinary and comparative study of race and ethnicity in the United States. The course will examine core frameworks of Ethnic Studies disciplines: African American/Black Studies; American Indian/Native American Studies; Chicana/o/x/e and Latina/o/x/e Studies, and Asian American and Pacific Islander Studies.

ES 4 INTRODUCTION TO LATINX STUDIES 3 Units

A pan-Latina/o, comparative, and interdisciplinary approach to major themes and issues related to the Latinx community in the U.S., including: race and racism, indigenous culture, colonialism, war, genocide, migration, transnationalism, citizenship, identity, language, gender, family, labor, neoliberalism, education, expression, and resistance. A critical examination of modern Latin American history and indigenous and African cultures connected to the Latinx diaspora, including Chicana/o, Mexican, Central American, South American, and Caribbean-American communities in the U.S.

ES 5 RACE/GENDER IN POP CULTURE 3 Units

A critical examination of representations of people of color in popular culture, from historically significant to contemporary examples. Using an intersectional lens of race, ethnicity, gender, class, and sexuality, students will analyze representations from mainstream films, independent cultural productions, music, visual art, and social media, and how characters and communities of color are portrayed and interpret these images as consumers of media.

ES 6 INTRO TO PACIFIC ISLANDS AND OCEANIA STUDIES 3 Units

An introduction to the studies of the Pacific Islands and Oceania and its Polynesian, Micronesian, and Melanesian communities.

ES 42 ASIAN AMERICAN HISTORY: 18TH CEN TO 1945 3 Units

An exploration of Asian American history from the 18th century to WWII. A critical and comparative analysis of the impacts of race, racialization, white supremacy, orientalism, colonialism, imperialism, war, social inequity, and migration on the first wave of immigrants from China, Japan, Korea, India and the Philippines. (May not receive credit if History 42 has been completed successfully.)

FILM

The Film and Animation program teaches students to apply the principles of storytelling, cinematography, lighting, editing and visual effects. We offer a supportive and creative environment for filmmaking animation and motion graphics. Students learn an array of technical skills using Adobe's Creative Suite—Illustrator, Photoshop, PremierePro, and AfterEffects.

FILM 12 SCREENWRITING & VISUAL STORY 3 Units

Write your first short film with well crafted characters, a strong story, and prepared in the proper script format. Explore style and film concepts by storyboarding and pre-visualizing your completed script. **Strongly Recommended:** FILM 14 (completed with a grade of "C" or higher)

FILM 14 INTRODUCTION TO CINEMATIC ARTS 3 Units

Introduces the analysis of film and animation aesthetics. Examines form and content, aesthetics and meaning, and history and culture of film and animation. Topics include modes of production, narrative and non-narrative forms, visual design, editing, sound, genre, ideology and critical analysis. **Strongly Recommended:** Eligibility for English 1A.

FILM 15 INTRODUCTION TO DIGITAL FILMMAKING 3 Units

Introduction to digital filmmaking as an artistic 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. **Strongly Recommended:** FILM 14 (completed with a grade of "C" or higher)

FILM 16 DOCUMENTARY FILMMAKING 3 Units

Introduction to documentary filmmaking and current techniques of digital documentary including sound, video and mixed media documentary. Story basics, research, structure, objective/subjective approach, audio recording, shooting setups, interviewing, and rough-cut editing. **Strongly Recommended:** FILM 15

FIRE TECHNOLOGY

Firefighting can be one of the most adventurous and rewarding professions in public service. Chabot's Fire Technology Program offers both certifications and degrees in Fire Technology and Fire Prevention Inspector. Chabot's program is based on the Uniform Fire Technology curriculum, and is one of the longest running in the state of California. Successful completion of the program opens opportunities to work in Firefighting, Fire Investigating, Forestry Fire Fighting, Prevention Specialist, and many more.



FT 1 PRINCIPLES OF EMERGENCY SERVICE 3 Units

This course introduces students to the philosophy and history of fire protection as well as to career opportunities in fire protection and related fields. This course is intended for students majoring in Fire Technology and Fire Prevention Inspector, or anyone interested in fire protection. (May not receive credit if Fire Tech 50 has been completed.) **Strongly Recommended:** ENGL 1A

FT 2 PRINCIPLES OF FIRE & EMERGENCY SERVICES SAFETY 3 Units

This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavioral changes throughout the emergency services. (MAY not receive credit if Fire Tech 52 has been completed.) **Strongly Recommended:** FT 1 or concurrent enrollment, or, FT 50 (completed with a grade of "C" or higher)

FT 3 FIRE BEHAVIOR AND COMBUSTION 3 Units

This course explores the theories and fundamentals of how and why fires start, spread, and are controlled. This course is intended for students majoring in Fire Technology and Fire Prevention Inspector, anyone interested in fire science. (May not receive credit if Fire Tech 53 has been completed.) **Strongly Recommended:** FT 1 or, FT 50 (completed with a grade of "C" or higher)

FT 4 FIRE PREVENTION

3 Units

This course provides fundamental knowledge relating to the field of fire prevention. Topics include: history and philosophy of fire prevention; organization and operation of a fire prevention bureau; use and application of codes and standards; plans review; fire inspections; fire and life safety education; and fire investigation. May not receive credit if Fire Tech 54 has been completed.

FT 7 HEALTH AND FITNESS FOR THE FIRE SERVICE

3 Units

Health, wellness and physical fitness are examined from a global and occupational viewpoint. Emphasis on the Seven Dimensions of Wellness from a Fire Service perspective. An introduction to concepts of lifetime fitness and wellness with an emphasis on physical fitness and lifestyle choices. May not receive credit if KINE 24 has been completed.

FT 10 INTRODUCTION TO FIRE FIGHTER I ACADEMY

1.5 Units

This course provides an orientation to the Fire Fighter I Academy and introduces the applied operation and maintenance of basic rescue and fire suppression apparatus and equipment. Topics include radio communications, ropes, ladders, hose, personal protective equipment, tool operations, maintenance, and physical fitness training. (May not receive credit if Fire Tech 89 and Fire Tech 51W have been completed.) Advisory: Eligibility for ENGL 1, Eligibility for MTH 53 **Prerequisite:** FT 50 or FT 1 (completed with a grade of "C" or higher) or concurrent enrollment and EMS 1 (completed with a grade of "C" or higher) or concurrent enrollment and FT 88A (completed with a grade of "C" or higher) or concurrent enrollment. **Strongly Recommended:** EMS 2 and EMS 2W (completed with a grade of "C" or higher) or FT 52 or FT 2 and FT 53 or FT 3 (completed with a grade of "C" or higher) and FT 56 or FT 6 (completed with a grade of "C" or higher), INDT 74 (completed with a grade of "C" or higher).

FT 11 FIRE FIGHTER I ACADEMY

17 Units

This course provides the skills and knowledge needed for the entry-level firefighter, career or volunteer, to perform his /her duties safely, effectively, and competently. The course emphasizes the requirements of the California State Board of Fire Services Certified Firefighter I training, International Fire Service Accreditation Congress (IFSAC) standards, Professional Qualifications (ProBoard) requirements, and Cal Fire Wildland Firefighter-Basic training. This course, combined with Firefighter I Academy Skills Review and Certification, satisfies all training requirements for the IFSAC Firefighter I Academy and Cal Fire Basic Firefighter issued with a grade of "C" or better. **Prerequisite:** FT 10 or FT 89 and FT 51W (completed with a grade of "C" or higher)

FT 11CAP FIRE FIGHTER I CAPSTONE TESTING

1.5 Units

This course prepares students to meet the State Fire Training (SFT) requirements for Fire Fighter I (FFI) including the capstone knowledge and skills necessary to pass. Upon successful completion, students will receive a pass letter from SFT. The course is 4 hours lecture, 71 hours laboratory; 40 hours skills practice, 3 hours certification written exam, and 24 hours certification skills evaluation. **Strongly Recommended:** FT 90C (completed with a grade of "C" or higher) or FT 11 (completed with a grade of "C" or higher) Equivalent training to FT 11 or Completion of a Fire Fighter I Academy

FT 88A INTRODUCTION TO FIRE FITNESS TRAINING

1 Unit

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

FT 88B INTERMEDIATE FIRE FITNESS TRAINING

1 Unit

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

FT 88C ADVANCED FIRE FITNESS TRAINING

1 Unit

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

FT 88D TACTICAL FIRE FITNESS TRAINING

1 Unit

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

FT 95 WORK EXPERIENCE/FT

1- 3 Units

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

FT 96 WORK EXPERIENCE SEMINAR/FT

1 Unit

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

FRENCH

Learn a new language that can help broaden your global cultural knowledge, and for traveling, fulfill requirements to transfer to a 4-year college and increase career opportunities.

FRNC 1A BEGINNING FRENCH

5 Units

In this course, you will be introduced 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.

FRNC 1B ELEMENTARY FRENCH

5 Units

In this course, you will further study the French-speaking cultures of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of French. **Prerequisite:** FRNC 1A (completed with a grade of "C" or higher) or , FRNC 1A2 (completed with a grade of "C" or higher)



Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

For the most current class information, scan the QR code for the searchable online class schedule at www.chabotcollege.edu/courses



FRNC 2A INTERMEDIATE FRENCH

4 Units

In this course, you will further study the French-speaking cultures of the world through a review of first-year content, read works of modern authors, and practice conversation and composition. **Prerequisite:** FRNC 1B (completed with a grade of "C" or higher) or , FRNC 1B2 (completed with a grade of "C" or higher)

FRNC 2B ADVANCED FRENCH

4 Units

In this course, you will continue the study of the French-speaking cultures of the world through a review of advanced linguistic content, read works of Francophone authors, and put emphasis on conversation and composition. **Prerequisite:** FRNC 2A (completed with a grade of "C" or higher)

GENERAL STUDIES

GNST 33A STUDENT LEAD AND AFRICAN AMERICAN EXP 3 Units

Students will develop leadership capacity through studying current and historical African and African American leaders, as well as, practicing their leadership skills on campus and in the community. **Strongly Recommended:** ENGL 1A (completed with a grade of "C" or higher). It is strongly recommended that students enrolled in this class have completed at least 12 units at Chabot College, including ENGL 1A.

GNST 33B STUDENT LEAD AND AFRICAN AMERICAN EXP 3 Units

Development of a leadership vision, strategy and theory focusing on African and African American leaders past and present. **Prerequisite:** GNST 33A (completed with a grade of "C" or higher)

GEOGRAPHY

Geography courses weave together the natural and social sciences with the main goal to explore spatial patterns in both the physical and human landscape. Physical geography courses focus on the physical or natural environment including climate, weather, plants, animals, landforms, and water resources while human geography courses explore societies, culture, economies, histories, and development. The field of geography emphasizes human-environment relationships, making it a unique discipline that can explore the complex web of economic, political, historical and practical approaches to social and environmental issues.



GEO 1 INTRODUCTION TO PHYSICAL GEOGRAPHY 3 Units

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

GEO 5 WORLD REGIONAL GEOGRAPHY 3 Units

Regions of the world and the way 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.

GEO 1L INTRODUCTION TO PHYS GEOG LABORATORY 1 Unit

Practical application of the concepts, techniques, tools, and materials of physical geography. **Prerequisite:** GEO 1 may be taken concurrently.

GEO 8 INTRODUCTION TO WEATHER AND CLIMATE 3 Units

Introduction to weather and climate and their impact on and modification by human activities.

GEO 2 CULTURAL GEOGRAPHY 3 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. Social, political, and economic elements of geography which contribute to the evolution of these global and regional cultural patterns. Field trips may be included.

GEO 20 INTRODUCTION TO GEOG INFO SYS (GIS) 3 Units

Computer-based information technology tools and techniques that analyze spatial relationships between locations and attributes of physical, cultural, and economic features. **Strongly Recommended:** previous PC experience

GEOLOGICAL SCIENCES

GEOS 11 PHYSICAL GEOLOGY 3 Units

Introduction to the study of the scientific composition and dynamics of the Earth. Topics include the formation of the Earth, geochemistry, geophysics, hydrology, geomorphology and the interactions between humans and the geologic environment.

GEOS 11L PHYSICAL GEOLOGY LAB 1 Unit

Laboratory course to supplement GEOS 11 Physical Geology lecture course. Introduction to the materials and techniques of geology. Includes minerals, rocks, topographic and geologic maps, structural geology, identification and interpretation of landforms, geologic time and relative age dating analysis, etc. **Prerequisite:** GEOS 11 May be taken concurrently



HEALTH

Explore health issues and behaviors from various perspectives that includes: physical, emotional, intellectual/mental, social, spiritual, and environmental.

Some of our Health and Nutrition courses can be taken to fulfill various General Education Requirements. Additionally, our courses carry transfer credit and can prepare you for transferring to earn a four-year degree in physical education, health education, elementary education, and other related majors.



HLTH 1 INTRODUCTION TO PERSONAL HEALTH 3 Units

An exploration of major health issues and behaviors in the various dimensions of health (physical, emotional, intellectual/mental, social, spiritual, and environmental). Emphasis is placed on individual responsibility for personal health and the promotion of informed, positive health behaviors. Topics include psychological health, mental health, stress management, nutrition, exercise, weight management, chronic and infectious diseases, healthy relationships, sexual health, drug use and misuse, aging, and the health care system.

HLTH 4 WOMEN AND HEALTH 3 Units

Health issues that affect women in contemporary American society. Emphasis on diversity of women's health experiences.

HLTH 8 HUMAN SEXUALITY 3 Units

This course is an introductory overview of the field of human sexuality. Human sexuality will be examined from biopsychosocial perspectives.

HLTH 16 HEALTHY WEIGHT LOSS

3 Units

This course focuses on physical, emotional, and spiritual aspects of weight management and health choices. Emphasis on acquiring knowledge and developing life skills necessary to achieve a healthy weight for improved wellness and disease prevention. Principles of positive psychology, evidence-based health practices, behavioral change strategies, and designing your life for whole-person wellness discussed.

HLTH 18 INTRODUCTION TO PUBLIC HEALTH

3 Units

This course provides an introduction to the discipline of Public Health. Students will gain an understanding of the basic concepts and terminologies of public health, the history and accomplishments of public health officials and agencies, and an in-depth examination of the core public health disciplines. May not receive credit if BIOL 80, BIOS 18 or APHC 9702 have been completed successfully. Formerly HLTH 80.

HLTH 40 INTRODUCTION TO HEALTH PROFESSIONS

1.5 Units

Introduction to the diverse occupations and care systems in the health care and community wellness field, as well as to skills and personal characteristics needed in these professions.

HLTH 51A MEDICAL TERMINOLOGY

4 Units

Introduction to medical terminology and the basic structure and function of the human body. This course provides a basic foundation for any healthcare program and/or course, anatomy and/or physiology course or to understand the language used in the healthcare field. May not receive credit if APHC 9701A has been completed successfully.

HLTH 60 RESPONDING TO EMERGENCIES

1 Unit

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

HISTORY

We are committed to fostering in students an awareness of the importance of active civic engagement and responsibility, a value for diversity with in the context of a rich and complex society, and a broad understanding of the social science method that enables informed citizens to make better choices.

The program offers several history courses, from the history of western civilization to American Women: A Social History. Most of the program's offering meet GE breadth requirements of the associate degree and transfer, and the core courses in U.S. History meet the CSU American Institutions requirement. The program emphasizes a multicultural approach that seeks out the truth from a variety of perspectives.



HIS 1 WESTERN CIVILIZATION TO 1600

3 Units

This course covers the origin and development of civilization in the Mediterranean and its expansion into Europe - the Near East, Greece, Rome, the Middle Ages, Renaissance and the Reformation. Influences in religion, culture, technology and political structures that develop into European society of the early modern period will be studied.

HIS 2 WESTERN CIVILIZATION SINCE 1600

3 Units

History of the Modern Western World from the end of the medieval period to the present. The course develops the western world, (Europe and the Americas), as these societies develop modern ways of thinking and producing, and tracks the rise of the modern nation-state. Interaction with other civilizations, and globalization will be studied.

HIS 3 WORLD HISTORY: BEGINNINGS-1500

3 Units

A survey of world history from the beginning of civilization and ancient cultures to 1500 C.E. Interconnections and divergence among cultures and civilizations in a global context will be emphasized. During the classical period, up to 500 C.E., similarities and differences as civilizations developed will be examined. The postclassical period, 500 to 1500, will look specifically at contact and interaction among peoples. Broader forces that affect civilizations such as trade patterns, migration, nomadism, syncretism, and disease patterns will be studied.

HIS 4 WORLD HISTORY: 1500 TO PRESENT

3 Units

A survey of world history from 1500, including the early modern and modern eras. Interconnections and exchange will be emphasized. Similarities and differences among cultures will be examined. Cultural, intellectual, and technological developments and exchange will be explored. Broader forces that affect civilizations such as boarderlands, exploration and travel, gender and class will be studied.

HIS 7 U.S. HISTORY THROUGH RECONSTRUCTION

3 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.

HIS 8 U.S. HISTORY SINCE RECONSTRUCTION

3 Units

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

HIS 12 HISTORY OF CALIFORNIA

3 Units

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

HIS 33 MODERN LATIN AMERICA

3 Units

This introductory course provides an overview of twentieth-century Latin American history, focusing on social circumstances and experiences of people across social classes. We will consider how processes of change such as urbanization, revolution, civil war and U.S. intervention have critically shaped everyday life in this region. We will also focus on how Latin Americans have adapted and responded to these forces using and assortment of strategies.

HIS 48 U. S. WOMEN'S HISTORY THROUGH RECONSTRUCTION

3 Units

A survey of United States women's history from its pre-colonial, indigenous origins through the end of Reconstruction. Emphasizes the interaction and experiences of diverse racial/ethnic groups that include at least three of the following groups: African-Americans, Chicana/Latina Americans, Asian Americans, European Americans, Native Americans, and Middle Eastern Americans. 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.

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

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HIS 49 U.S. WOMEN'S HISTORY POST-RECONSTRUCTION 3 Units

A survey of United States women's history from 1877 to the present with a special emphasis on the interaction amongst and the experiences of diverse racial/ethnic (African Americans, European Americans, Indigenous North Americans, Chicana/Latina Americans, Asian Americans, and Middle Eastern Americans), and socio-economic groups in American history. Includes analysis of (1) the U. S. Constitution as a living document in the context of historical change, and (2) significant issues related to California state and local governments.

HIS 52 US HIST CHICANO PERSPECTIVE I 3 Units

A survey of the social, political, economic, and cultural history of the Chicana/o experience within the context of U.S. history from Mesoamerican origins to the Reconstruction era. May not receive credit if ES 52 has been completed successfully.

HIS 62 AFRICAN-AMER HIS THR CIVIL WAR 3 Units

A survey of the social, political, economic, and cultural history of the African American experience within the context of U.S. history from Early African History to the end of the Civil War. (May not receive credit if HIS 20, ES 20, or ES 62 has been completed successfully.)

HUMAN SERVICES* (See course listing under Psych-Counseling)

HUMANITIES

You will gain the ability to reason critically, effectively communicate, and relate across a wide variation of knowledge. Some courses can be taken to fulfill various General Education Requirements, or carry transfer credit and can prepare you for transferring to earn a four-year degree in applicable majors.

HUMN 60 CREATIVITY AND THE COMMUNITY 3 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.

HUMN 65 THE AMERICAN STYLE 3 Units

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

HUMN 68 WORLD MYTHOLOGY 3 Units

Introduction to mythic themes recurring in global literature. Key theories and a variety of myths from around the world will be read, analyzed, and discussed. Course content will center on broad themes and theories, (Formerly HUMN 28)

INDUSTRIAL TECHNOLOGY

INDT 74 MEASUREMENTS & CALCULATIONS 3 Units

Calculator techniques for whole number and decimal arithmetic problem solving, fraction-decimal conversion, percentages, ratio and proportion, algebra, geometry, areas and volumes. English metric conversion, and numerical trigonometry as applied in the industry. May not receive credit if APPM 9774 has been completed successfully.

INTERIOR DESIGN

The Interior Design Program is an accredited institutional member of the National Association of Schools of Art and Design (NASAD) and has been selected by the National Kitchen and Bathroom Association (NKBA) as a Founding Member School. The Interior Design Program offers you a choice for entry into a four-year college program, the interior design industry, and internship opportunities. As a NKBA Affiliated school, our program leads students on the path of becoming a certified kitchen and bath design professionals.

Students will acquire an understanding of:

- Building materials and construction
- Space planning
- Conventional and computer aided drafting

Our program focuses on the impact interior design has on individuals, families, and communities.

ID 48 DRAFTING FOR INTERIOR DESIGN 3 Units

This course will introduce basic drafting techniques as related to architectural working drawings for interior design. Emphasis is on lettering, measuring techniques, scale problems, use of architectural and NKBA graphic standards.

ID 55 INTRODUCTION TO TEXTILES 3 Units

The textile industry and its effects on the apparel and home furnishings markets. Fiber identification, yarn and fabric construction, and decoration. Emphasis on consumer information, fabric performance, care and labeling, and legal responsibilities of the industry.

ID 49 DIGITAL TOOLS FOR DESIGN/VISUAL COMM 3 Units

Introduction to digital tools with computer-aided design drafting. The course will use state of the art digital drafting software as industrial standard. Students will develop skills in 2 dimensional commands and layering systems. May not receive credit if ARCH 3 or ARCH 68 has been completed.

ID 58 FUNDAMENTALS OF LIGHTING 3 Units

Residential and commercial lighting systems as they apply to what constitutes a well-lit interior space. Includes an investigation of current lighting fixtures and lighting resources. **Strongly Recommended:** ID 48 (completed with a grade of "C" or higher)

ID 50 RESIDENTIAL SPACE PLANNING 3 Units

Understand the residential construction system and learn how to design a residential space by considering home location, climate orientation, aesthetics and economy. **Strongly Recommended:** ID 48.

ID 60 MATERIALS AND RESOURCES 3 Units

Survey of residential and commercial interior furnishings with attention to product knowledge of furniture, textiles, ceramics, glass, metals, plastics, and composite materials. Skills needed to perform related activities.

ID 54 PRINCIPLES OF INTERIOR DESIGN 3 Units

The course is intended to provide students with the knowledge of elements and principles of design as they apply to interiors and to analyze interiors using basic design concepts. Emphasis is on the use of color and texture in the selection of home furnishings.

JAPANESE

Learn a new language that can help broaden your global cultural knowledge, and for traveling, fulfill requirements to transfer to a 4-year college and increase career opportunities.

JAPN 1A BEGINNING JAPANESE

5 Units

Introduction to the Japanese cultures of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of Japanese. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. **Strongly Recommended:** Eligibility for ENGL 1

JAPN 2A INTERMEDIATE JAPANESE

4 Units

Review of grammar; practice in conversation and composition; research on topics related to Japan. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. **Prerequisite:** JAPN 1B (completed with a grade of "C" or higher)

JAPN 2B ADVANCED JAPANESE

4 Units

Advanced review of grammar; practice in conversation and composition; research on topics related to Japan. Following an immersion instruction format, the class is entirely taught in the target world language of the selected course. **Prerequisite:** JAPN 2A (completed with a grade of "C" or higher)



LEARNING SKILLS

The Learning Skills Program is designed for students who are, or who may be, eligible for Learning Disability services.

The Learning Skills Program offers three services for students with learning disabilities:

- Assessment for accommodations and services
- Foundational Skills Classes for reading/writing, math and computer
- Academic Support Classes for students concurrently enrolled in an academic reading, writing and/or math course



LNSK 100 ADAPTED COMPUTER KEYBOARDING

3 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. May not receive credit if CAS 100 has been completed.

LNSK 102 INTRODUCTION TO ASSISTIVE TECHNOLOGY

1 Unit

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. May not receive credit if CAS 102 has been completed.

LNSK 116 LEARNING SKILLS - DIAGNOSTIC CLINIC

2 Units

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

LNSK 117 LEARNING SKILLS - READING

3 Units

Learn and implement reading comprehension techniques, especially for students with learning disabilities. Includes reading comprehension strategies vocabulary development, and structured academic discussions. Designed for students with learning disabilities and students looking to develop reading comprehension.

LNSK 118A LEARNING SKILLS: READ/WRITE

3 Units

Students learn techniques for reading college-level text, retaining information. Students will also learn the basics of academic writing and communication through presentations and debates. Designed for students with learning disabilities and other students looking to improve their reading and writing skills.

LNSK 118B LEARNING SKILLS: WRITE/READ

3 Units

Elements of the writing process including prewriting, organizing, writing and revising, and review of basic grammar. Includes reading comprehension strategies and review of compensatory strategies. Designed for students with learning disabilities to improve reading and writing skills.

LNSK 119 LEARNING SKILLS: MATHEMATICS

3 Units

Preparation for problem solving success in college for those with learning disabilities. Emphasis on quantitative reasoning abilities needed to process and integrate word problems and related problem solving tasks. Designed for students with identified learning disabilities. **Strongly Recommended:** LNSK 116 (completed with a grade of "P" or higher) Student may want to take the LNSK Diagnostic Clinic to determine if they are eligible for accommodations and services through DSPS

LNSK 120 LEARNING SKILLS: STUDY STRATEGIES

1 Unit

Designed for Learning Skills students and others who are actively enrolled in an academic course. Focus on utilizing skills and strategies in conjunction with academic course materials. Students are introduced to basic reading and academic writing techniques for college courses.

LNSK 121 LEARNING SKILLS - QUANTITATIVE STRATEGIES

1 Unit

Guided practice in specific compensatory and study strategies for students with learning disabilities in language based quantitative reasoning skills (dyscalculia). Focus on utilizing skills and strategies in conjunction with academic course materials. Development of math and language skills. Designed for Learning Skills students enrolled in math.

LNSK 217 READING

0 Units

Developmental reading course designed for students with specific learning disabilities. Course will provide reading strategies and tools for accessing college level course Language Arts curriculum.

LNSK 219 MATHEMATICS

0 Units

Basic mathematics course designed to prepare students for Pre-Algebra. Course is designed for students with learning disabilities and students looking to strengthen mental math, arithmetic, and word problem solving. **Strongly Recommended:** LNSK 116 (completed with a grade of "P" or higher)

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

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MACHINE TOOL TECHNOLOGY

Almost everything we touch in our daily lives, from automobiles to blenders, contains parts crafted by a Machinist. A Machinist is the key person in producing the needed equipment and utensils that result in the products we enjoy.

Do you enjoy working precisely and accurately with machines? Did you know virtually all manufactured products depend on America's precision machining industry at some point in their production? Chabot's Machine Tool Technology program can give you the training needed to take advantage of the career opportunities in tooling and machining which are plentiful, profitable, and they don't require a four-year degree.

In Chabot's Machine Tool Technology program, you will develop a strong understanding of machining as you gain hands-on experience on the industry's most up-to-date tools and equipment for manual machining. As a skilled machinist you will learn to follow specifications, how to create your own quality tools & products, and how to operate some of most of innovative technology in machining. At Chabot, you will develop the skills and craftsmanship that lead to precision work, and then you will be on your way to a valuable well-paying career in this exciting field. Whether you are looking to refresh your skills, become certified, or earn your AS in Machine Tool Technology Chabot's machining program is your pathway to success.

Trained machinists also benefit from having the flexibility to live and work anywhere in the world applying their trade. Machinists compensation packages typically include: High wages, retirement, health insurance, and paid vacations.



MTT 50 BLUEPRINT READ & INTRODUCTION TO CAD 3 Units

Learn how to interpret engineering drawings/blueprints, and the basics of Computer Aided Drafting (CAD) software. May not receive credit if APPM 9750 has been completed successfully.

MTT 60A MACHINE TOOL TECHNOLOGY I 4 Units

Introduction to machine tool operations. Emphasis on the safe and correct use of hand and machine tools. May not receive credit if APPM 9760A has been completed successfully.

MTT 60B MACHINE TOOL TECHNOLOGY II 4 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. May not receive credit if APPM 9760B has been completed successfully **Prerequisite:** MTT 60A (completed with a grade of "C" or higher) or , APPM 9760A (completed with a grade of "C" or higher) **Strongly Recommended:** INDT 74 or , APPM 9774

MTT 63A INDIVIDUAL PROJECTS 2 Units

Design, development, and fabrication of selected projects for the machine tool technology major to develop special entry-level job skills. May not receive credit if APPM 9763A has been completed successfully. **Strongly Recommended:** MTT 60A (completed with a grade of "C" or higher) or , APPM 9760A (completed with a grade of "C" or higher)

MTT 63B ADVANCED INDIVIDUAL PROJECTS 2 Units

Continuation of Machine Tool Technology 63A. Selected projects to provide certain specialized skills required for job updating, job advancement, or skill specialization. May not receive credit if APPM 9763B has been completed successfully. **Prerequisite:** MTT 60A (completed with a grade of "C" or higher) or , APPM 9760A (completed with a grade of "C" or higher)

MTT 65 BASIC TOOLMAKING 4 Units

Introduction to design and fabrication of production-type tooling such as jigs, fixtures, and gauges as applied in industry. Emphasis on tool design practices, fabrication techniques, set-up procedures, and inspection of production parts. May not receive credit if APPM 9765 has been completed successfully. **Prerequisite:** APPM 9760B (completed with a grade of "C" or higher) or , MTT 60B **Strongly Recommended:** APPM 9771A or , MTT 71A , APPM 9781A or , MTT 81B , APPM 9781C or , MTT 81C

MTT 70 EXP OF PRECISION MANUFACTURING 2 Units

Introduction to machine shop practices for exploration of the Machine Tool Technology field.

MTT 71A NUMERICAL CONTROL PROGRAM I 4 Units

This course offers students their first steps to programming computer numerical control (CNC) mills. CNC programming can be an exciting and rewarding path for those who love to create and have an eye for detail. CNC programmers are heavily sought after by local and national manufacturers. May not receive credit if APPM 9771A has been completed successfully. **Strongly Recommended:** APPM 9760A or , MTT 60A , APPM 9774 or , INDT 74

MTT 71C NUMERICAL CTRL PROGRAMMING III 4 Units

This course compliments MTT71A and MTT71B by introducing the advanced CNC programming student to CNC lathes. Build off of the fundamentals of G-code reading and writing to program 2, and 3 axis lathes with live tooling and sub-spindle operations. This course completes the MTT 71 series and endows you with the skills and experience to compete in the heavily demanded field of CNC programming. May not receive credit if APPM 9771C has been completed successfully. **Prerequisite:** MTT 71A (completed with a grade of "C" or higher) or , APPM 9771A (completed with a grade of "C" or higher) **Strongly Recommended:** INDT 74 or , APPM 9774

MTT 73A CNC INDIVIDUAL PROJECTS 2 Units

Design, development, and fabrication of selected projects for the machine tool technology major to develop special entry-level job skills. May not receive credit if APPM 9773A has been completed successfully. **Prerequisite:** MTT 71A (completed with a grade of "C" or higher) or , APPM 9771A (completed with a grade of "C" or higher)

MTT 73B CNC INDIVIDUAL PROJECTS II 2 Units

Advanced student directed Computer Numerical Control (CNC) programming and operation. Students create parts that exceed industry standards of precision and speed. Creative problem solving and design skills are stressed as students navigate unique problems and materials. May not receive credit if APPM 9773B has been completed successfully. **Prerequisite:** MTT 73A (completed with a grade of "P" or higher) or , APPM 9773B

MTT 81A SOLIDWORKS FOR MACHINE SHOPS 3 Units

Learn how to use industry standard Solidworks software to create accurate and professional 3D digital solids, assemblies, and drawings (prints). Use Chabot MTT's cutting edge Stratsys F123 series 3D printers, laser cutter, and Artec Leo 3D scanner to bring your designs to life. This course is an excellent way to: add to your creative toolkit for artists, designers, or inventors; and/or advance your career in the manufacturing industry. May not receive credit if APPM 9781A has been completed successfully.



MARKETING* (See course listing under Business)

MASS COMMUNICATIONS

Explore how news content is delivered through a variety of mediums, the social and cultural impact of the media, and its role in shaping public perception.

Understand the process of transmitting information to a large amount of people through mass media. This can be in the form of newspapers, radio, television, websites, film, and any technology that is an outlet to get information to the public.

Students can gain hands-on experience through working in our:

- TV studio
- Radio station
- Campus newspaper



MCOM 9 COLLOQUIUM-MASS COMMUNICATIONS 1 Unit

Collaboration between Journalism, Radio and Television. Cross-platform projects in content creation. Designing material for newspaper, radio and television. Learning media production techniques. Programming philosophies, formatting content for specific media, marketing, promotions, news and sports.

MCOM 20 JOURNALISM: WRITING AND INFO GATHERING 3 Units

This course is an introduction to gathering and writing news in journalistic style across multiple platforms. **Strongly Recommended:** Eligibility for ENGL 1A

MCOM 21 NEWSPAPER PRODUCTION I 3 Units

This course focuses on writing the student-produced school newspaper, The Spectator, and its online version, spectator.news. This course includes practical experience in design/layout, visual, online, multimedia journalism, and emerging technologies. **Strongly Recommended:** MCOM 20, Eligibility for ENGL 1

MCOM 22 NEWSPAPER PRODUCTION II 3 Units

This course focuses on writing the student-produced school newspaper, The Spectator, and its online version, spectator.news. This course includes practical experience in design/layout, visual, online, multimedia journalism, emerging technologies, and editorial mentorship **Prerequisite:** MCOM 21 **Strongly Recommended:** MCOM 20, Eligibility for ENGL 1

MCOM 23 NEWSPAPER PRODUCTION III 3 Units

This course focuses on writing the student-produced school newspaper, The Spectator, and its online version, spectator.news. This course includes practical experience in design/layout, visual, online, multimedia journalism, emerging technologies, and editorial leadership. **Prerequisite:** MCOM 22 Eligibility for: Eligibility for ENGL 1

MCOM 40 INTRODUCTION TO BROADCASTING 3 Units

Evolution of radio, television, film, the Internet, new media and their impact on culture and society.

MCOM 41 INTRODUCTION TO MASS COMMUNICATIONS 3 Units

History of the press and mass media; the political, social and economic impact of the press on government and public opinion. A social and cultural impact of the media and its role in shaping public perception. An overview of the news process and job opportunities in the media.

MCOM 50 RADIO STUDIO TECHNIQUES 3 Units

Operational procedures and practices in modern radio broadcast studios, including audio production techniques.

MCOM 56 INTRO TO KCRH RADIO EXPERIENCE 4 Units

Introduction to practical experience in KCRH radio station operations including programming, music, audio production techniques, promotions, news, live sports, and underwriting sales. Experience in broadcast operation of KCRH-FM. **Strongly Recommended:** MCOM 50

MCOM 57 KCRH RADIO LEADERSHIP EXPERIENCE 3 Units

Leadership experience in KCRH radio station operations including programming, music, audio production techniques, promotions, news, live sports, and underwriting sales. Experience in broadcast operation of KCRH-FM. **Prerequisite:** MCOM 56 (completed with a grade of "C" or higher)

MCOM 58 INTERMEDIATE KCRH RADIO EXPERIENCE 3 Units

Intermediate practical experience in KCRH radio station operations including programming, music, audio production techniques, promotions, news, live sports, and underwriting sales. Experience in broadcast operation of KCRH-FM. **Prerequisite:** MCOM 57 (completed with a grade of "C" or higher)

MCOM 59 ADVANCED KCRH RADIO EXPERIENCE 3 Units

Advanced practical experience in KCRH radio station operations including running programming, music, audio production, promotions, news, live sports, and underwriting sales departments. Experience in broadcast operation of KCRH-FM. **Prerequisite:** MCOM 58 (completed with a grade of "C" or higher)

MCOM 60 BEGINNING TV STUDIO PRODUCTION 3 Units

Introduction to TV studio practices. Hands-on experience in television studio operations, control room procedures, and basic program production.

MCOM 61 TV STUDIO TECHNIQUES II 3 Units

Further experience in television studio operations, control room procedures, and program production. Designed to advance skills in operating television equipment, producing and directing television programs.

MCOM 68 KCTH TELEVISION EXPERIENCE 3 Units

Practical experience in television production and programming. **Prerequisite:** Mass Communications 60, **Strongly Recommended:** MCOM 61.

MCOM 69 KCTH TV EXPERIENCE II 3 Units

Advanced practical experience in television production and programming. **Prerequisite:** MCOM 60, **Strongly Recommended:** MCOM 68.



Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

For the most current class information, scan the QR code for the searchable online class schedule at www.chabotcollege.edu/courses



MATH

The Math discipline offers a variety of mathematics courses and an Associate in Arts degree, Associate in Science degree, and Associate in Science Transfer degree in Mathematics. In addition to teaching mathematics, we help our students develop critical thinking and problem solving skills via mathematical concepts and practices.

See Math Enrollment Guide and Course Sequence on pages 22 and 23.



MTH 1 CALCULUS I

5 Units

Elements of analytic geometry, derivatives, limits and continuity, differentiation of algebraic and trigonometric functions, the definite integral. **Prerequisite:** MTH 20 or MTH 22 or both College Algebra (MTH 21 or MTH 31 or MTH 31S) and Trigonometry (MTH 36 or MTH 36S or MTH 37) or an appropriate skill level demonstrated through the mathematics assessment process.

Open Access to Engineering Calculus Pilot

The legislation AB 1705 mandates open access to MTH 1 starting Fall 2025, but Chabot Math wants to pilot it now! Anyone who thinks they have enough algebra and trigonometry skills to succeed with two additional hours of instruction per week can participate. Must enroll in BOTH MTH 1-C01 (Tues,Thurs 9:30-11:45 am) and the required corequisite MTH 201W-C01 (Fri 9:30-11:20 am). For additional information, see tinyurl.com/CCPilotMTH1.

MTH 2 CALCULUS II

5 Units

Continuation of differential and integral calculus. Techniques of integration, numerical integrations, parametric equations, polar coordinates, sequences, power series and Taylor series. Primarily for mathematics, physical science, and engineering majors. **Prerequisite:** MTH 1 (completed with a grade of "C" or higher)

MTH 3 MULTIVARIABLE CALCULUS

5 Units

Vector valued functions, functions of several variables, partial differentiation, multiple integration, Green Theorem, Stokes Theorem, Gauss Theorem and applications. **Prerequisite:** MTH 2 (completed with a grade of "C" or higher)

MTH 4 ELEMENTARY DIFFERENTIAL EQUATIONS

3 Units

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

MTH 6 ELEMENTARY LINEAR ALGEBRA

3 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

3 Units

Sets, relations and functions; logic, methods of proof, induction; combinatorics, discrete probability, recursion, and recurrence relations; graphs and trees; logic circuits; finite state machines. Designed for majors in mathematics and computer science. **Prerequisite:** MTH 1, **Strongly Recommended:** CSCI 14.

MTH 15 APPLIED CALCULUS I

3 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 (completed with a grade of "C" or higher) or , MTH 20 (completed with a grade of "C" or higher) or , MTH 21 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process.

MTH 21 COLLEGE ALGEBRA FOR BSTEM

5 Units

In this course students continue to build the algebraic skills necessary for success in future Business/STEM math courses. Concepts covered include polynomial, rational, radical, exponential, piecewise, and logarithmic functions and their graphs; nonlinear systems of equations and inequalities; theory of polynomial equations; and sequences and series. **Prerequisite:** MTH 55 (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 31 has been completed.

MTH 21 Workshops

When you sign up for MTH 21, make room in your schedule NOW for the support workshops at the STEM Center (Rm 3906). Then you are able to take advantage of them when you need them! Just drop in; no signup needed. Please check tinyurl.com/MTH21WS for the MTH 21 Workshop Schedule. The workshops are structured so that Monday/Wednesday sessions reviewing prerequisite skills are repeated in Tuesday/Thursday sessions. Friday sessions review MTH 21 course content.

Accelerate to Engineering Calculus!

Consider the 21-to-22 Fast Track if you want to concentrate your semester on math. You will take an 8-week MTH 21, followed by an 8-week MTH 22, and be ready to take engineering calculus MTH 1 in Spring 2025. Classes meet Monday, Tuesday, Wednesday, Thursday 1:15-3:50 pm in Fall 2024. Not recommended if you have not completed at least Algebra 2 or Integrated Math 3 in high school with C or higher.



MTH 22 TRIG WITH ANALYTIC GEOMETRY

5 Units

Students completing this course learn the trigonometric foundations necessary for success in Calculus and beyond. This course covers topics such as trigonometric functions and their graphs, trigonometric equations, solving triangles, polar coordinates, and includes an introduction to vectors. **Prerequisite:** MTH 21 or MTH 31 or MTH 31S or an appropriate skill level demonstrated through the Mathematics Assessment Process.

MTH 25 COMPUTATIONAL METHODS ENGINEERS/SCIENCE

3 Units

Methodology and techniques for solving engineering/science problems using numerical-analysis computer-application programs MATLAB, SimuLink, MuPad, and EXCEL. Technical computing and visualization using MATLAB software. Examples and applications from applied-mathematics, physical-mechanics, electrical circuits, biology, thermal systems, fluid systems, and other branches of science and engineering. May not receive credit if Engineering 25 or Physics 25 has been completed. **Prerequisite:** MTH 1.

MTH 43 INTRO/PROBABILITY & STATISTICS

4 Units

Descriptive statistics, including measures of central and dispersion; elements of probability; tests of statistical hypotheses (one and two populations); correlation and regression; ANOVA; applications in various fields. Introduction to the use of computer software package to complete both descriptive and inferential statistics problems. May not receive credit if Mathematics 35 has been completed. **Prerequisite:** MTH 53 (completed with a grade of "C" or higher) or , MTH 55 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. **Strongly Recommended:** Eligibility for ENGL 1

MTH 47 MATHEMATICS FOR LIBERAL ARTS

3 Units

An introductory study of several mathematical topics. Emphasis is placed on the use of mathematics to make informed decisions in different areas of daily life. Recommended for liberal arts students. **Prerequisite:** MTH 53 (completed with a grade of "C" or higher) or , MTH 53B (completed with a grade of "C" or higher) or , MTH 55 (completed with a grade of "C" or higher) or , MTH 55B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the mathematics assessment process.

Delve into Democracy in MTH 47!

Dr. Yest's sections of MTH 47 include a focus on the mathematics of democracy and the democratic process. Applications of the course contents will include polling, voting methods, apportionment, and redistricting. Perfect for an election year!

MTH 53 APPLIED ALGEBRA AND DATA ANALYSIS

5 Units

Equations and formulas; linear, exponential, logarithmic functions; measurement and conversion of units; exponents and scientific notation; introduction to descriptive statistics including graphical methods; introduction to probability. Intended for students who do not need calculus. **Prerequisite:** MTH 104 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process. **Strongly Recommended:** ENGL 102 or ENGL 101B

MTH 55 INTERMEDIATE ALGEBRA

5 Units

In this course students build and reinforce the algebraic skills necessary for success in future Business/STEM math courses. Concepts covered include factoring, complex numbers, quadratic equations, parabolas, functions and their graphs, systems of equations, rational exponents, radical equations, absolute value equations and inequalities. **Prerequisite:** MTH 53 (completed with a grade of "C" or higher) or , MTH 53B (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 55A and MTH 55B or MTH 55L have been completed.

MTH 122 MATH LAB

0.5 - 1 Unit

Provides mathematics students an opportunity to build/maintain mathematics skills at their own pace through active participatory experience on an online learning and assessment program.

MTH 201W MTH 1 COREQ WORKSHOP

0 Units

This noncredit course is part of a noncredit certificate of competency in preparation for Business and STEM Math. This course is free and students may repeat this course until mastery of the skills is met. This class provides corequisite support to help students succeed in MTH 1 as AB 1705 permits all students to enroll in MTH 1, starting Fall 2025. This course includes skills review, laboratory, study group, collaborative workshop, and/or computer laboratory time. **Corequisite:** MTH 1.

MTH 204 PREALGEBRA

0 Units

This noncredit course is part of a noncredit certificate of competency in Preparation for Statistics and Liberal Arts Math. This course is free and students may repeat this course until mastery of the skills is met. This is a great class for students who need to review basic math skills. This course covers the same content as MTH 204A, 204B, 204C, and 204D combined: Whole numbers, integers, rational and decimal numbers, percent, geometry, graphing, and problem solving.

MTH 210 MATH JAM FOR B-STEM

0 Units

This noncredit course reviews algebra and study skills required for success in transfer-level mathematics. This course is intended to prepare students for coursework in the Business and STEM pathways. If you need a refresher on algebra or you want to get a jump-start on your next math class, this course is for you!

MTH 215W MTH 15 COREQ WORKSHOP

0 Units

This noncredit course is part of a noncredit certificate of competency in preparation for Business and STEM Math. This course is free and students may repeat this course until mastery of the skills is met. This class provides corequisite support to help students succeed in MTH 15 as AB 1705 permits all students to enroll in MTH 15. This course includes skills review, laboratory, study group, collaborative workshop, and/or computer laboratory time. **Corequisite:** MTH 15.

MTH 221W MTH 21 COREQ WORKSHOP

0 Units

This noncredit course is part of a noncredit certificate of competency in preparation for Business and STEM Math. This course is free and students may repeat this course until mastery of the skills is met. This class provides corequisite support to help students succeed in MTH 21 as AB 705 encourages all students to enroll in their first math class at the transfer level. This course includes skills review, laboratory, study group, collaborative workshop, and/or computer laboratory. **Corequisite:** MTH 21.

MTH 243W INTRODUCTION TO PROB & STATS WORKSHOP

0 Units

This noncredit course is part of a noncredit certificate Liberal Arts Math. This course is free and students may repeat this course until mastery of the skills are met. This is a great class for students who are transitioning to college-level math coursework, who are unsure of their abilities, or who have been out of school for while and want additional support while completing MTH 43. **Corequisite:** MTH 43

MTH 253 NONCREDIT APPLIED ALGEBRA

0 Units

This noncredit course is part of a noncredit certificate of competency in Preparation for College Mathematics for the Statistics and Liberal Arts pathway. This course is free and is intended to prepare students for the rigor of college-level mathematics coursework required in non-STEM fields. Students may repeat this course until mastery of the skills is met. This course covers the same content as MTH 53 Applied Algebra and Data Analysis. Students who are transitioning to college, who are unsure of their abilities, or who have been out of school for while may prefer to take the noncredit MTH 253 instead of MTH 53 since it is free and may be repeated. This course covers equations and formulas; linear, exponential, logarithmic functions; measurement and conversion of units; exponents and scientific notation; introduction to descriptive statistics including graphical methods; introduction to probability. This course is intended for students who are following the Statistics and Liberal Arts Mathematics pathway.

MTH 255 NONCREDIT INTERMEDIATE ALGEBRA

0 Units

This noncredit course is part of a noncredit certificate of competency in Preparation for College Mathematics for the Business and STEM pathway. This course is free and is intended to prepare students for the rigor of college-level mathematics coursework required in STEM fields. Students may repeat this course until mastery of the skills is met. This course covers the same content as MTH 55 Intermediate Algebra. Students who are transitioning to college, who are unsure of their abilities, or who have been out of school for while may prefer to take the noncredit MTH 255 instead of MTH 55 since it is free and may be repeated. This course covers topics of Intermediate Algebra, such as quadratic equations, parabolas and circles, functions and their graphs, systems of equations, radical equations, as well as exponential and logarithmic functions and equations. This is a great class for students interested in the Business or STEM fields who want some more preparation before transitioning to college-level math.

MEDICAL ASSISTING

Medical assisting is projected to grow 27% between 2014-2024. Chabot College's Medical Assisting program offers both a degree and certificate program with classes, labs, and clinical experiences in local community health care facilities. This will help you prepare to meet the needs of patients and physicians as medical assistants.

Upon satisfactory completion of the Medical Assisting Curriculum, the graduate is eligible to take the Certified Medical Assistant Exam (CMA-AAMA) sponsored by the American Association of Medical Assistants (AAMA).

MEDA 60 INTRODUCTION TO MEDICAL ASSISTING

2 Units

This course is an introduction to the Medical Assisting profession. It includes job duties, scope of practice, medical law & ethics, and communication.

MEDA 70A CLINICAL SKILLS FOR MEDICAL ASSISTANT I

3.5 Units

Introduction to the clinical role of the Medical Assistant. Includes basic and advanced skills which are utilized when assisting the physician and performing direct patient care such as vital signs, electrocardiograms, assisting with exams, injections, oral medications, and medical documentation. **Prerequisite:** HLTH 51A (same as APHC 9701A) Must be passed with a "C" or better, MEDA 60 Must be passed with a "C" or better **Corequisite:** MEDA 75 and MEDA 71A.

MEDA 70B CLINICAL SKILLS FOR MEDICAL ASSISTANT 2

3 Units

Continuation of Medical Assisting 70A. Basic and advanced clinical skills common to medical offices and clinics. Use of advanced clinical skills while assisting the physician and performing direct patient care. **Prerequisite:** HLTH 51A (completed with a grade of "C" or higher), MEDA 70A (completed with a grade of "C" or higher) **Strongly Recommended:** HLTH 51B may be taken concurrently if not completed prior. **Corequisite:** MEDA 71b, MEDA 72B, MEDA 73 and MEDA 74

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

For the most current class information, scan the QR code for the searchable online class schedule at www.chabotcollege.edu/courses



MEDA 71A ADMINISTRATIVE SKILLS I

2 Units

Introduction to the administrative role of the Medical Assistant. Includes basic and advanced administrative skills which are utilized when working in a medical office. **Prerequisite:** HLTH 51A (same as APHC 9701A) Must pass with a "C" or better, MEDA 60 Must pass with a "C" or better.

MEDA 71B ADMINISTRATIVE SKILLS II

2 Units

Continuation of administrative theory and skills. Includes medical insurance, medical coding and billing techniques used in a medical office. Also includes resume writing and job search preparation. **Prerequisite:** MEDA 71A. Must pass with a "C" or better.

MEDA 73 CLINICAL EXPERIENCE PRACTICUM

4 Units

Application of principles and skills through participation in a simulated employment experience. Assisting the physician under close supervision in a health maintenance organization, or physician's office or clinic. Prerequisite MEDA 70B Must be passed with a "C" or better, MEDA 71B Must be passed with a "C" or better, HLTH 51B (same as APHC 9701B) Must be passed with a "C" or better, MEDA 76 Must pass with a "C" or better, **Corequisite:** MEDA 74.

MEDA 74 CLINICAL EXPERIENCE SEMINAR

1 Unit

Discussion and analysis of clinical experience in a clinic setting or private physician's office. **Prerequisite:** MEDA 70B Must pass with a "C" or better, MEDA 71B Must be passed with a "C" or better, MEDA 76 Must be passed with a "C" or better, HLTH 51B (same as APHC 9701B) Must pass with a "C" or better, **Corequisite:** MEDA 73.

MEDA 75 ADMIN OF MEDICATIONS FOR MED ASSIST

2 Units

Pharmacology fundamentals for medical assisting. Discuss the different routes of medication administration including oral and injections. Understanding drug categories, safe administration practices and documentation. **Corequisite:** MEDA 70A, **Prerequisite:** HLTH 51A (same as APHC 9701A) Must be passed with a "C" or better, MEDA 60 Must be passed with a "C" or better.

MUSIC RECORDING TECHNOLOGY

Whether it's working in a post-production house, recording studio or your own home studio, we have a hands-on Music Technology & Production AA degree that will teach you all the needed skills. We also offer an Audio Recording certificate as well as a Music Production certificate.

As a Music Recording and Technology student, you'll be working in a professional environment with instructors that have worked in the industry. Chabot College has one of the finest recording studios in the Bay Area with a fully integrated control room, live room and three isolation booths to accomplish large-scale recordings sessions. Housed in these studios are an array of high-quality instruments for sound exploration. Some of these instruments include six high-quality guitars and basses, modern and vintage keyboards, analog synthesizers, a custom drum kit and a grand piano.

MURT 20 INTRODUCTION TO MUSIC TECHNOLOGY

3 Units

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

MURT 21 AUDIO RECORDING I

3 Units

Fundamentals of audio recording and the digital audio workstation. Basic acoustics, principles of analog and digital audio basics, studio set-up, microphone technique, basic mixing techniques and digital audio workstation fundamentals. **Prerequisite:** MURT 20 (completed with a grade of "C" or higher)

MURT 22A ELECTRONIC MUSIC I

3 Units

Fundamentals of electronic music production and MIDI sequencing. **Prerequisite:** MURT 20.

MURT 22B ELECTRONIC MUSIC II

3 Units

The integration of MIDI and digital audio recording environments will be studied as well as the development of advanced post production skills needed for employment in the music recording industry. **Prerequisite:** MURT 22A (completed with a grade of "C" or higher)

MURT 23 AUDIO RECORDING II

3 Units

Advanced studio recording techniques. **Prerequisite:** MURT 21 (completed with a grade of "C" or higher)

MURT 26 MUSIC BUSINESS

3 Units

Overview of music business topics. Focus on development of the knowledge base and individual resources necessary to begin a successful career in the music industry.

MURT 50 MUSIC INDUSTRY INTERNSHIP

1 Unit

Music industry internship experience. Instructor approval required. **Prerequisite:** MURT 20, MURT 26.

MUSIC - APPLIED

Whether you are aiming for a degree in music, or wanting to develop your skills to work in the music industry, or just further your understanding and appreciation of the musical arts, the Chabot College Music Department offers courses to serve your every interest and need. The mission of the Music Area is to grow artistry, support life-long-learning and to advance the workforce. We support this by fostering an environment in which individual achievement and artistic expression thrive fully and equitably for our diverse students. The faculty is comprised of accomplished performers, academics, composers, recording engineers, producers, and authors, who offer their students exceptional instruction in one or more of our courses in music literature, applied music, music recording & technology, and performance ensembles.



To aid in the positive development of the whole person the music faculty and curriculum pursue the following goals:

1. To provide an environment in which performance, composition, musical literacy and technology are integrated. The synthesis of these elements will prepare the student for a musical career as a performer, writer, teacher, producer, engineer, or business person.
2. To offer a coherent musical education curriculum that provides knowledge and understanding of musical forms and styles. Students should be able to recognize the importance of music to their society and enable them to have a more informed world view.
3. To recognize music as a multi-cultural and multi-national Art which fosters, through its performance, a respect for the diversity of all peoples, beliefs, and expressions.
4. To help students to see education as a life-long-learning process which permits one to see and think clearly and that this process is of greater importance than the transfer of information from teacher to student.

MUSA 20A GUITAR I

1 Unit

Beginning guitar using a combination of folk and classic approaches to playing technique, utilizing basic scales and chords in first position, and music notation. **Strongly recommended:** MUSL 6

<p>MUSA 21A PIANO I 1 Unit Beginning piano. Contemporary and classic approaches to playing piano using basic scales, chords and music notation. Strongly Recommended: MUSL 6 (completed with a grade of "C" or higher)</p> <p>MUSA 22A JAZZ PIANO I 1 Unit Voicings, chords, and guidelines for improvisation in the contemporary styles of the jazz pianist. Post bop-era, through modern to avant-garde piano playing in the jazz idiom. Strongly recommended: MUSL 6</p> <p>MUSA 23A VOICE I 1 Unit Group singing with an emphasis on solo performance, tone production, breathing, diction, sight singing and interpretation of vocal literature. Prerequisite: MUSL 6 (completed with a grade of "C" or higher) or Corequisite: MUSL 6</p>	<p>MUSA 40 APPLIED LESSONS- FLUTE 1 Unit MUSA 40 APPLIED LESSONS- BASSOON 1 Unit MUSA 40 APPLIED LESSONS- CLARINET 1 Unit MUSA 40 APPLIED LESSONS- HORN 1 Unit MUSA 40 APPLIED LESSONS- LOW BRASS 1 Unit MUSA 40 APPLIED LESSONS- BASS 1 Unit MUSA 40 APPLIED LESSONS- GUITAR 1 Unit MUSA 40 APPLIED LESSONS- JAZZ PIANO 1 Unit MUSA 40 APPLIED LESSONS- PERCUSSION 1 Unit MUSA 40 APPLIED LESSONS- JAZZ TRUMPET 1 Unit MUSA 40 APPLIED LESSONS- TRUMPET 1 Unit MUSA 40 APPLIED LESSONS- VOICE 1 Unit MUSA 40 APPLIED LESSONS- SAXOPHONE 1 Unit MUSA 40 APPLIED LESSONS- OBOE 1 Unit MUSA 40 APPLIED LESSONS- JAZZ COMPOSITI 1 Unit MUSA 40 APPLIED LESSONS- JAZZ TROMBONE 1 Unit MUSA 40 APPLIED LESSONS- JAZZ GUITAR 1 Unit MUSA 40 APPLIED LESSONS- COMPOSITION 1 Unit</p>
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Individualized study of the appropriate techniques and repertoire for the specific instrument or voice being studied. The emphasis is on the progressive development of skills needed for solo performance. Achievement is evaluated through a juried performance. Enrollment subject to a standardized audition demonstrating basic competencies in technique and musicianship in their major performance medium. **Corequisite:** MUSP 10 and/or , MUSP 12 and/or , MUSP 13 and/or , MUSP 15 , MUSP 16 , MUSP 44 and/or , MUSP 45

MUSIC - LITERATURE, THEORY AND MUSICIANSHIP

<p>MUSL 1 INTRODUCTION TO MUSIC 3 Units Music for enjoyment and understanding through informed listening, analysis, evaluation and discernment of musical elements, forms, and repertoire. Attendance at concerts and listening to a variety of music is required.</p> <p>MUSL 2A HARMONY AND MUSICIANSHIP I 4 Units This course is a study of the fundamentals concepts of Western music theory. These concepts are applicable to both classical and popular styles. The study addresses notation, fundamental theoretical concepts, their relationship to the evolution of musical aesthetics in Western culture, musicianship skills including sight singing, rhythmic training, ear training, dictation, and keyboard realization, and basic composition. Strongly Recommended: MUSL 6 or equivalent skills</p> <p>MUSL 2C HARMONY AND MUSICIANSHIP III 4 Units This course is a continuation of study from MUSL 2B and presents the study of harmony and voice-leading in the Western Common Practice. Topics include sequences, melodic and rhythmic figuration, leading-tone 7th chords, mixture, applied dominants and modulation, four-part voice leading, large formal structures, harmonic and formal analysis, and musicianship skills including sight singing, rhythmic training, ear training, dictation, and keyboard realization. Prerequisite: MUSL 2B.</p>	<p>MUSL 3 WORLD MUSIC 3 Units The study of the folk and art music of world cultures. Includes the traditional music of Sub-Saharan Africa, Middle East, China, Japan, Indonesia, India, Latin America, Europe, and Native America. Attendance at four concerts in the San Francisco Bay Area required.</p> <p>MUSL 4 HISTORY OF JAZZ MUSIC 3 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.</p> <p>MUSL 6 BASIC MUSIC SKILLS 3 Units An introduction to the notation and primary elements of tonal music. Development of skills in handwritten notation is expected.</p> <p>MUSL 8 HIST ROCK & ROLL/POPULAR MUSIC 3 Units A cultural survey of original American music traditions, forms and trends as an instrument for expressing and understanding cultural identity. The focus will be on at least three of the following cultural groups: African Americans, Asian Americans, European Americans, Latin Americans and Native Americans.</p>
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MUSIC - PERFORMANCE

<p>MUSP 11A JAZZ IMPROVISATION 1 Unit Exploring the fundamentals of Jazz improvisation and structure. Major scales, chord construction, and development of melodic lines used in traditional styles of Jazz improvisation. Jazz literature for small groups of the Bop era to modern styles. Prerequisite: Audition with instructor required</p> <p>MUSP 12 WIND ENSEMBLE 1 Unit Wind Ensemble repertoire of all styles, periods, and cultures with new repertoire preformed and studied each semester. Enrollment subject to a standardized audition demonstrating musical ability and technical proficiency at a level suitable to the course level. Prerequisite: Audition with instructor required. Students need to demonstrate the ability to read music, match pitch, produce an appropriate tone and follow a conductor at the intermediate/advanced level. Sight-reading is required.</p>	<p>MUSP 13 WIND SYMPHONY 1 Unit Select and limited ensemble performing new repertoire each semester designed for advanced musicians seeking continued study in the large ensemble setting. Enrollment subject to a standardized audition. Prerequisite: Audition with instructor required. Audition with instructor required. Students need to demonstrate the ability to read music, match pitch, produce an appropriate tone and follow a conductor at the advanced level. Sight-reading at an advanced level is required.</p>
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Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

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MUSP 15 JAZZ ENSEMBLE

1 Unit

Reading, preparation and performance of contemporary jazz music arranged for standard Big Band. New literature will be studied each semester. The band plays various concerts and festivals. Students develop ability to play various jazz styles, sight read, improvise, and play both as members of a section and as soloists. **Prerequisite:** Audition with instructor required. Students need to demonstrate the ability to read music, match pitch, produce an appropriate tone and follow a conductor at the intermediate/advanced level. Sight-reading is required.

MUSP 18 PERCUSSION ENSEMBLE

1 Unit

Ensemble open to any percussionist wishing to experience ensemble playing. Topics include a variety of styles and techniques used in percussion performance. Basic music

MUSP 44 CONCERT CHOIR

1 Unit

This course is for the study, rehearsal, and public performance of vocal literature within an ensemble setting. New repertoire preformed and studied each semester. Enrollment subject to a standardized audition demonstrating musical ability and technical proficiency at a level suitable to the course level. **Prerequisite:** Audition with instructor required. Students need to know how to read music, match pitch, blend within a section, and follow a conductor.

MUSP 45 CHAMBER CHOIR

1 Unit

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

MUSP 47 COLLEGE PRODUCTIONS - MUSIC

1 Unit

Participation in scheduled music productions. Includes music support for drama productions, college musicals, and other major performances. Enrollment is for the duration of the production.

MUSP 51 CONTEMPORARY MUSIC ENSEMBLE

1 Unit

The Contemporary Music Ensemble performs a variety of works written in the twentieth and twenty-first centuries in two concerts per semester. The ensemble not only prepares students for careers that include contemporary music, but helps them to become exceptional educators, advocates, and leaders in the field. **Prerequisite:** Audition with instructor required.

MUSP 52 GUITAR ENSEMBLE

1 Unit

This course focuses on the sight-reading, rehearsal, and performance of basic-level guitar ensemble literature. Basic note reading skills will be employed. Each member of the group will become a better musician through individual practice, listening, performance, and being an active part of the ensemble experience. New repertoire will be studied each semester. **Prerequisite:** Audition with instructor required

MUSP 213 WIND BAND PERF MATURE ADULTS

0 Units

Instrumental ensemble performance of new repertoire each semester designed for the mature adult (50+) seeking study in the wind band setting. Enrollment subject to a standardized audition demonstrating musical ability and technical proficiency at a level suitable to the course level. Advisory: standardized audition demonstrating musical ability and technical proficiency at a level suitable to the course.

NURSING

The Nursing Program provides the necessary knowledge and skills on becoming a Registered Nurse (RN). Nursing continues to be a popular job and is in very high demand. If you're ready to take the next step of becoming one, our Nursing program can help you get there.



NURS 55 FUNDAMENTALS OF NURSING

8.5 Units

Introduction to fundamental concepts and practices in nursing care across the life span. Application of the nursing process to the care of adult and geriatric clients with acute and chronic disorders. **Prerequisite:** Acceptance into the Nursing Program

NURS 80 TEST TAKING SKILLS FOR NURS STD

0.5 Units

Strategies for successful test taking skills for nursing students. **Prerequisite:** Admission to the nursing program.

NURS 84 PRESCRIPTIVE CLINICAL SKILLS

0.5 Units

Emphasis is on gaining experience in practicing and refining selected clinical skills used in the delivery of nursing care to a client in the acute care or community based setting. This required course provides the opportunity for preparation for the Clinical Performance Examination, as well as for practicing different skills using up-to-date equipment in the Skills Lab. **Prerequisite:** NURS 55 (completed with a grade of "C" or higher) or the equivalent

NUTRITION

Explore health issues and behaviors from various perspectives that includes: physical, emotional, intellectual/mental, social, spiritual, and environmental. Some of our Health and Nutrition courses can be taken to fulfill various General Education Requirements. Additionally, our courses carry transfer credit and can prepare you for transferring to earn a four-year degree in physical education, health education, elementary education, and other related majors.

NUTR 1 INTRODUCTION TO NUTRITION SCIENCE

3 Units

Scientific concepts of nutrition related to the function of nutrients, sources and recommended intakes. Nutritional assessment and the role of nutrition in the maintenance of health. **Strongly Recommended:** CHEM 30A (completed with a grade of "C" or higher) and MTH 53 (completed with a grade of "C" or higher) and ENGL 1A (completed with a grade of "C" or higher)

NUTR 11 SPORTS NUTRITION

3 Units

The science of sports nutrition, with emphasis on nutrition as it applies to fitness, sport-specific training, and reaching peak athletic performance.



PARALEGAL STUDIES

The Paralegal Studies Program offers a 24 academic-unit certificate, intended to prepare students for employment as a paralegal in various legal sectors. Students are introduced to the fundamentals of the paralegal profession to enhance the ability to reason, understand and apply correct principles of law by teaching analytical and critical thinking skills.

The program is taught by attorneys and paralegals who have practical experience in the field and satisfies all educational requirements required by California law. As such, you will gain the legal knowledge and skills to land a paralegal job in any state.



PLGL 30 INTRODUCTION TO PARALEGAL STUDIES 3 Units

This course will introduce students to the responsibilities and duties of a paralegal. It will provide an overview of the paralegal profession, including the paralegal's role in the delivery of legal services. **Strongly Recommended:** ADMJ 50 (completed with a grade of "C" or higher)

PLGL 31 LEGAL WRITING AND RESEARCH 3 Units

This course is designed to familiarize students with the fundamentals of legal research and writing. Students will learn how to locate, analyze and cite to federal and state cases, statutes, constitutions, and secondary sources. Instruction is given on utilizing both print materials and online resources. Students will prepare case briefs that demonstrate legal reasoning, proper punctuation, grammar and clarity of expression. **Strongly Recommended:** ADMJ 50 (completed with a grade of "C" or higher)

PLGL 32 LITIGATION AND CIVIL PROCEDURE 3 Units

This course provides an introduction to the litigation process and the role of the paralegal. It will include the process and procedures related to litigation, including the specific duties of a paralegal in the pretrial and trial process. **Strongly Recommended:** ADMJ 50 (completed with a grade of "C" or higher)

PLGL 33 COMP APPLICATION & E-DISCOVERY 3 Units

This course introduces the use of technology by paralegals in the legal profession. Students will become familiar with hardware and software used in law offices and will explore the latest versions of common programs like Microsoft® Word Excel®, and PowerPoint®, as well as specialized legal applications. Students will be instructed on the ethical considerations of technology in the legal profession. **Advisory:** All students must have basic computer skills including being proficient with email, the Internet and a word processing program.

PLGL 35 ADVANCED LEGAL WRITING & RESEARCH 3 Units

This course is designed to build upon the skills developed in Legal Writing and Research. This course will provide a more in-depth, advanced understanding of legal writing, research, proper citation format, and preparation of legal documents. **Prerequisite:** PLGL 31 (completed with a grade of "P" or higher)

PHILOSOPHY

Explore the fundamental nature of knowledge, reality, and existence through the works of philosophers, art, ethics and politics.

PHIL 50 INTRODUCTION TO PHILOSOPHY 3 Units

Introductory course in philosophy. Students will think critically and systematically about fundamental questions about knowledge, values, and reality that include the following and more: What do I know? What is justice? Does God exist? Do I have free will? What is the nature of the mind and self? Eligibility for: ENGL 1A or ENGL 1

PHIL 55 SYMBOLIC LOGIC 3 Units

This course is an introduction to symbolic logic, i.e., the formal study of good and bad reasoning. **NOTE:** This course is required for nearly all philosophy majors and is excellent preparation for the Law School Admission Test (LSAT).

PHIL 60 INTRODUCTION TO PHILOSOPHY: ETHICS 3 Units

This is an introductory course in ethics. To study ethics is to ask questions like: What is justice? Are there universal, absolute, or objective moral rules? Is human nature inherently good or evil? This course examines several historically important yet still prominent theoretical approaches to ethics, including Kant's deontology, Mill's utilitarianism, and Aristotle's virtue ethics. These theories will be applied to contemporary moral problems. **Strongly Recommended:** Eligibility for ENGL 1

PHIL 70 SOCIAL & POLITICAL PHILOSOPHY 3 Units

This social and political philosophy class explores and critically analyzes fundamental questions related to society politics, and ethics. Key questions include: What makes a government legitimate? Is there an ideal size and form of government? Political ideologies like liberalism, conservatism, and socialism will be explored and applied to contemporary issues including: free speech, privacy, and welfare. This class traces the history of social and political ideas from Plato, Aristotle, and Confucius, to Hobbes, Locke, Rousseau, and Marx.

PHOTOGRAPHY

We will provide a rich and thorough grounding in the skills and aesthetics of photography to allow our students to succeed in a radically shifting field of photography. The mission of the Photography Department at Chabot College is to provide the finest of instruction in the use of traditional and contemporary photographic techniques.

PHOT 1A DIGITAL PHOTOGRAPHY I 3 Units

Introduction to the processes, principles, and tools of digital photography. Students will use a digital camera (DSLR, mirrorless, point & shoot or smartphone) to process images from capture to print. May not receive credit if PHOT 50 has been completed successfully.

PHOT 1B DIGITAL PHOTOGRAPHY II 3 Units

Digital Photography II is an intermediate digital photography course that is a continuation of Introduction to Digital Photography. Students will practice techniques that build on those learned in PHOT 1A for image exposure, capture, processing and editing while mastering the basic principles and concepts of digital photography. **Prerequisite:** PHOT 1A or , PHOT 50

PHOT 2A B & W DARKROOM PHOTOGRAPHY 3 Units

Introduction to the processes, principles, and tools of black and white darkroom photography. Students will use 35mm film cameras for the exploration and refinement of gelatin silver developing and printing techniques. May not receive credit if PHOT 60 has been completed successfully.

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

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PHOT 2B ADV B & W DARKROOM PHOTOGRAPHY 3 Units

Advanced exploration of traditional black and white darkroom photography processes, techniques and methods. **Prerequisite:** PHOT 2A or , PHOT 60

PHOT 2C ALTERNATIVE PROCESS PHOTOGRAPHY 3 Units

The course provides students with the opportunity to explore alternative processes and non-silver based photography in a darkroom environment, for creative expression beyond the traditional black and white photograph. **Prerequisite:** PHOT 2A or PHOT 60 **Strongly Recommended:** PHOT 2B

PHOT 2D LARGE FORMAT PHOTOGRAPHY 3 Units

Advanced darkroom photography course emphasizing the use of large format processes and advanced Zone System techniques for exposure and development of sheet film. **Prerequisite:** PHOT 2A or PHOT 60 **Strongly Recommended:** PHOT 2B, PHOT 2C

PHOT 4A COLOR THEORY FOR PHOTOGRAPHERS 3 Units

This course will cover the basics of color science, color theory, language of color, color primaries and color relationships, applied using digital photography techniques. May not receive credit if PHOT 61 has been completed successfully. **Strongly Recommended:** PHOT 1A or , PHOT 50

PHOT 4B ADV COLOR PHOTOGRAPHY METHODS 3 Units

Advanced color photography course that builds on the techniques presented in Color Theory for Photographers. Explores how light and color function together using color relationships and methods for digital color management. **Prerequisite:** PHOT 4A or , PHOT 61

PHOT 6A PHOTOSHOP 3 Units

Introduction to the use of Adobe Photoshop for retouching, editing, and compositing digital images. Students take their original photography and artistically adjust contrast, exposure and color balance to create enhanced compositions. May not receive credit if DIGM 6A or PHOT 66 have been successfully completed. **Strongly Recommended:** PHOT 1A

PHYSICAL EDUCATION - ADAPTIVE

Students enrolled in these courses will receive an individualized program of exercise, comprised of activities such as range of motion, weight training, and flexibility performance, etc. A variety of equipment, including treadmills, pulleys, weights, walkers, and exercise bikes, is available for students to use.

ADPE 1DSS DISABLED STRETCH/STRENGTH TRAINING 1 Unit

Designed to give students with disabilities a chance to gain strength and mobility through a series of stretching and resistance exercises in an atmosphere of friendly encouragement. **Prerequisite:** students must have their personal physician's clearance for the class and must be registered with Disabled Student Services.



ADPE ADST ADAPTED STRENGTH TRAINING 1 Unit

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

PHYSICAL EDUCATION - ATHLETICS

The Chabot College Athletic Department offers 16 intercollegiate sports for men and women, and Chabot Athletics prides itself in developing student-athletes to achieve skills in the pursuit of athletic competition and to excel in their academic pursuits. By participating in athletics, students can grow mentally, physically and to develop teamwork skills. Through quality coaching and dedication, student-athletes achieve a successful transfer rate to four-year institutions where they are able to continue their academic and athletic careers.



All Chabot College students are encouraged to participate in our athletic programs.

ATHL BBPS PRE-SEASON BASEBALL CONDITION 2 Units

This is course is for pre-season Intercollegiate Baseball. The student will have the opportunity to a develop through a program designed for baseball at the intercollegiate level An extensive baseball background and previous experience is needed for success in this class. **Strongly Recommended:** High level of baseball skills combined with an extensive baseball background. The instructor will evaluate the student's skill level.

ATHL BKMP PRE-SEASON INTERCOL MEN'S BASKETBALL 0.5 Units

This course is designed for students to increase their off-season physical conditioning, skill/technique level, and knowledge in Men's intercollegiate basketball. **Strongly Recommended:** Previous high level of competitive basketball experience and skill level. Approval of the instructor.

ATHL BKWP PRE-SEASON INTERCOL WOMEN'S BASKETBALL 0.5 Units

This course is designed for students to increase their off-season physical conditioning, skill/technique level, and knowledge in women's intercollegiate basketball. **Strongly Recommended:** High level of basketball skills combined with previous competitive competition.

ATHL FT1 INTERCOLLEGIATE FOOTBALL 3 Units

Training for intercollegiate football. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Advisory: Student athlete must have prior high school experience and have talked with the head coach before enrolling in this course.

ATHL MB11 MENS INTERCOL BASKETBALL 1.5 Units

Training for men's intercollegiate basketball competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport will also be required. Daily practice.

ATHL MCC7 MENS INTERCOL CROSS COUNTRY 3 Units

Training for intercollegiate cross country competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/ COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport.

ATHL PRSW PRE-SEAS M&W INTERCOL SWIMMING 1 Unit

Pre-season training for men's and women's intercollegiate swimming. All athletes that plan to swim for the Chabot Intercollegiate Team in the Spring should be enrolled in this course. **Strongly Recommended:** Advanced swim skills and prior competitive experience in swimming.

ATHL PRWR PRE-SEAS COMPETITIVE WRESTLING 1 Unit

Pre-season training and conditioning for men and women who plan to wrestle on the Chabot Intercollegiate Team. **Strongly Recommended:** Previous high school wrestling experience.

ATHL PSOF PRE-SEAS TRAINING OFFENSIVE FT 1 Unit

This course is for pre-season intercollegiate offensive football conditioning. The student will have the opportunity to analyze offensive techniques, develop training programs, and acquire a thorough working knowledge of the sport of football. **Strongly Recommended:** Highly experienced in the sport of football and approval from the head coach.

ATHL SFTP PRE-SEASON SOFTBALL COND 1.5 Units

This course is for pre-season intercollegiate Softball. The student will develop her softball skills through training programs designed for the intercollegiate level. An extensive softball background and previous experience is needed for success in this class. **Strongly Recommended:** Previous softball experience and background are required for success in this course. Instructor will evaluate each student's skill level to remain in this course.

ATHL SM3 MENS INTERCOLLEGIATE SOCCER 3 Units

Training for intercollegiate competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/ regulations governing the specific intercollegiate sport will also be required. Daily practice. **Strongly Recommended:** Previous high school soccer experience. High level of personal fitness is required as a prerequisite for this course.

ATHL SW2 WOMENS INTERCOLLEGIATE SOCCER 3 Units

Training for women's intercollegiate soccer competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/ regulations governing the specific intercollegiate sport will also be required. Daily practice. **Strongly Recommended:** Previous high school soccer experience. High level of personal fitness is required as a prerequisite for this course.

ATHL TNPS PRE-SEASON TENNIS CONDITIONING 1.5 Units

This course is designed for intercollegiate players in men's and women's tennis. **Strongly Recommended:** A high level of ability to play competitive tennis. Prior background in competitive tennis is a must.

ATHL TRKP PRE-SEASON TRACK TRAINING 1.5 Units

This course is for pre-season intercollegiate track and field conditioning. The student will have the opportunity to analyze techniques, develop training programs, and acquire a thorough working knowledge of the rules and conditioning concerning their events. **Strongly Recommended:** Student must have the skills and ability to compete at the intercollegiate level in community college track and field. This skill level will be evaluated by the instructor.

ATHL WB10 INTERCOLLEGIATE WOMENS BASKETBALL 1.5 Units

Training for women's intercollegiate basketball competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport. Compliance with all rules/ regulations governing the specific intercollegiate sport will also be required. Daily practice.

ATHL WCC6 WOMENS INTERCOLLEGIATE CROSS COUNTRY 3 Units

Training for intercollegiate cross country competition. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport.

ATHL WR5 INTERCOLLEGIATE WRESTLING 3 Units

Training for intercollegiate wrestling. Students who desire to participate in intercollegiate athletics will be required to adhere to academic eligibility requirements listed in the CCCAA/COA manual, pass a physical examination by a licensed medical doctor and demonstrate an ability to safely participate in the specific intercollegiate sport.

PHYSICAL EDUCATION - DANCE

DANC HIP1 INTRODUCTION TO HIP HOP DANCE 1 Unit

Beginning Hip-hop Dance moves, techniques and patterns taught for student presentations and performance of this American Contemporary Dance Form. No credit if PEAC HIP1 was completed.

DANC HIP2 ADVANCED BEGINNING HIP-HOP DANCE 1 Unit

A dance class designed to teach beginning students further Hip-hop Dance skills which will prepare them for Intermediate Hip-hop Dance Class. Beginning Hip-hop Dance knowledge will be increased by learning characteristics, techniques, routines and history of this form of American Contemporary Dance. No credit if PEAC HIP2 was completed. **Prerequisite:** DANC HIP1 or PEAC HIP1.

DANC HIP3 INTERMEDIATE HIP HOP DANCE 1 Unit

A dance class designed for students to learn the fundamental dance steps, class choreography and rhythmic structure of intermediate hip hop dance. **Prerequisite:** DANC HIP2 (completed with a grade of "C" or higher) or PEAC HIP2 (completed with a grade of "C" or higher)

DANC HIP4 ADVANCED HIP HOP DANCE 1 Unit

Advanced hip hop dance techniques and patterns, routines, across the floor movement, choreography and improvisational group projects/presentations. **Prerequisite:** DANC HIP3 (completed with a grade of "C" or higher) or PEAC HIP3 (completed with a grade of "C" or higher)

PHYSICAL EDUCATION - HEALTHY AGING ADULT

HEAG 253 STRENGTH/FITNESS FOR 50+ 0 Units

Designed to increase the stamina, strength, and metabolism in the mature adult. Course will focus on developing strength, overall movement, cardiorespiratory stamina and lowering the risk of adult type II diabetes. This course is free and students may repeat this course until mastery of the skills is met.

HEAG 254 AEROBIC SWIMMING FOR 50+ 0 Units

Designed to improve cardiovascular fitness in the older adult. Emphasis on swimming with the aerobic target heart rate training zone. Instruction will also address personal nutrition, hypertension and the prevention of adult type II diabetes. This course is free and students may repeat this course until mastery of the skills is met.



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PHYSICAL EDUCATION - KINESIOLOGY

Explore and study movement of the human body thru the areas of history, sociology, biomechanics, physiology, and psychology, as they relate to the sport and exercise environment. Some courses can be taken to fulfill various General Education Requirements, or carry transfer credit and can prepare you for transferring to earn a four-year degree in applicable majors.

KINE 1 INTRO TO KINESIOLOGY & PHYSICAL EDUCATION 3 Units

This is an introductory course that surveys various subdisciplines related to the study of human movement. Students will examine the areas of history, sociology, biomechanics, physiology, and psychology, as they relate to the sport and exercise environment.

KINE 2 INTRODUCTION TO ATHLETIC TRAINING 4 Units

This athletic training class is designed to introduce students to injury and illness prevention, assessment, treatment, and rehabilitation for physically active people. It may be of particular interest to those interested in becoming a certified athletic trainer, physical therapist, exercise specialist, or athletic coach.

KINE 4 INTRODUCTION TO SPORTS MANAGEMENT 3 Units

Introduction into the field of sports management. Career opportunities, human resource management, leadership, strategic planning, teamwork, ethics and values, marketing and advertising, finance, managing facilities, sports and the law, economics of sport and community impact.

KINE 6 PERF ENHANCE THRU MENTAL TRAIN 3 Units

The study and development of the concepts and theories associated with maximizing performance, from the from the perspective of sport as well as life, emphasizing the mental skills and strategies for stress control, visualization, goal setting and concentration. May not receive credit if Physical Education 15 has been completed.

KINE 8 INTRO TO SPORT IN CONTEMPORARY SOCIETY 3 Units

An introduction into the phenomenon of sport in society, including cultural stratification, race, gender, education, economics, politics and the mass media.

KINE 10 NUTRITION FOR FITNESS/FAT LOSS 3 Units

Study the role that nutrition and activity play in developing fitness and lowering body fat. Major concepts of fitness and nutrition will be presented along with training utilizing a heart rate monitor. Students will learn to assess current fitness levels and design a personal fitness and nutritional plan. May not receive credit if Physical Education 57 has been completed.

KINE 14 INTRODUCTION HLTH/FITNESS DISABILITY 3 Units

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

KINE 16 THEORY/TECH OFFENSIVE FOOTBALL 2 Units

Analysis and examination of various approaches to offensive intercollegiate football. Includes all aspects of offensive football; punt return, point after touchdown and field goal kicking. May not receive credit if Physical Education 25 has been completed.

KINE 23 TECHNIQUES STRENGTH TRAIN INST 3 Units

Designed to teach students how to teach a variety of strength and resistance activities. Course will include a variety of topics: safety factors, equipment, anatomy and physiology, training theory are a few of topics to be covered.

KINE 70 HIST PHIL SPORT AND PHYS ACTIV 3 Units

History and philosophy of sport and physical activity from antiquity to today. Special consideration is given to the development of sport and physical activity (physical education) in North America.

KINE CSA COLLEGE SUCCESS FOR ATHLETES 1 Unit

Aiding the student-athlete in developing realistic expectations of college, explore academic programs, and understand what is necessary to succeed in college while competing in an intercollegiate sport. Rules and regulations of the Commission on Athletics (COA), National Collegiate Athletic Association (NCAA), and the National Association of Intercollegiate Athletics (NAIA) will be defined. Eligibility and transferring to a four-year institution will be explored.

PHYSICAL EDUCATION

PEAC 5K1 TRAIN FOR 1ST - 5K (3.1 MILES) 1 Unit

Designed for students who want to train and complete their first 5K (3.1 miles). In this course students will learn how to prepare physically for this event plus nutritional guidelines for a healthier life.

PEAC ARH1 ARCHERY 1 1 Unit

Designed to teach the basic skills, techniques, rules of safety and etiquette in archery.

PEAC ARH2 INTERMEDIATE ARCHERY 1 Unit

Designed to enhance intermediate skills of archery and to build on the skills and knowledge from archery 1. **Prerequisite:** PEAC ARH1.

PEAC ARH3 ADVANCED ARCHERY 1 Unit

Advanced instruction in Archery and bowmanship. **Prerequisite:** PEAC ARH2.

PEAC ARH4 TOURNAMENT ARCHERY 1 Unit

Designed to allow the advanced archer to hone their competitive shooting skills a tournament setting. **Prerequisite:** PEAC ARH3.

PEAC BAD1 BADMINTON 1 0.5 - 1 Unit

Basic fundamental badminton techniques strategies will be covered.

PEAC BAD2 BADMINTON 2 0.5 - 1 Unit

This course is for students who have played Badminton before. Students should already know how to rally, and have knowledge of the rules. This course is not for beginners. **Prerequisite:** PEAC BAD1.

PEAC BAD3 BADMINTON 3 0.5 - 1 Unit

Theory and practice of advanced badminton that includes advanced techniques and tactics. This will include drills, practice, and tournament play. Fitness drills and conditioning will be incorporated into the class. **Prerequisite:** PEAC BAD2.

PEAC BAD4 BADMINTON 4 0.5 - 1 Unit

Designed for students who wish to compete in badminton tournaments. The theory and practice of advanced badminton will be covered. This will include drills, practice, fitness conditioning, and tournament play. **Prerequisite:** PEAC BAD3.

PEAC BSK1 BASKETBALL 1 1 Unit

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

PEAC BSK2 INTERMEDIATE BASKETBALL 1 Unit

Designed to teach intermediate skills of basketball. **Prerequisite:** PEAC BSK1.

PEAC BSK3 ADVANCED BASKETBALL 1 Unit

Advanced basketball course is used for advanced skill and training development and game play. **Prerequisite:** PEAC BSK2.

PEAC BSK4 PRE-COMPETITIVE BASKETBALL 1 Unit

Pre Competitive basketball is skills and training and game play to play in a highly competitive setting. **Prerequisite:** PEAC BSK3.

PEAC FUN1 CORE CONDITIONING ABS & HIPS 1 Unit

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

PEAC FUN2 INTERM FUNCTIONAL TRAINING FOR FAT LOSS 1 Unit

Designed to challenge students who have successfully completed Beginning Functional Training. Course is very hard in intensity. **Prerequisite:** PEAC FUN1.

PEAC HTA1 GUTS AND BUTTS WORKOUT 1 Unit

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

PEAC HTA2 INTER GUTS AND BUTTS WORKOUT 1 Unit

Strenuous exercises to tone, strengthen and reduce the abdominal, buttocks and thigh regions. **Prerequisite:** PEAC HTA1.

PEAC HTA3 ADV HIPS, THIGHS & ABS WORKOUT 1 Unit

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

PEAC HTA4 EXTREM HIPS THIGHS ABS WORKOUT 1 Unit

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

PEAC LSF1 INTRODUCTION LAP SWIM FOR FITNESS 1 Unit

Designed to develop cardiovascular fitness in the accomplished swimmer through aerobic non-stop lap swimming.

PEAC LSF2 BEGINNING LAP SWIM CARDIO FIT 1 Unit

Designed to develop cardiovascular fitness in the accomplished swimmer and introduce the student to competitive swim training concepts. **Prerequisite:** PEAC LSF1 (completed with a grade of "C" or higher)

PEAC LSF3 INTERMEDIATE LAP SWIMMING 1 Unit

Designed for the Advanced Lap Swimmer to accentuate their cardiovascular fitness as it relates to the competitive swimmer. Introduction to rigorous training of the competitive swimmer. **Prerequisite:** PEAC LSF2.

PEAC LSF4 ADVANCED LAP SWIM CARDIO FIT 1 Unit

Designed for the advanced swimmer who wants to train for competition. **Prerequisite:** PEAC LSF3 (completed with a grade of "C" or higher)

PEAC PIL1 INTRODUCTION TO PILATES 1 Unit

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

PEAC PIL2 INTERMEDIATE PILATES 1 Unit

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

PEAC PIL3 ADVANCED PILATES 1 Unit

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

PEAC PIL4 FUNCTIONAL PILATES 1 Unit

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

PEAC SBB1 SPORT-SPECIFIC TRAIN BASEBALL 1 Unit

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

PEAC SBB2 SPEC. TRAIN 2 BASEBALL 1 Unit

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

PEAC SBB3 ADV SPECIFIC TRAINING BASEBALL 1 Unit

Students will learn resistance and plyometric training methods to dramatically improve bat, leg and throwing speed. Students must have experience in resistance training and a high level of skill in the sport of baseball to enroll in this course. **Prerequisite:** PEAC SBB2 (completed with a grade of "P" or higher)

PEAC SPM1 PLYO, SPEED & AGILITY FOR MEN 1 Unit

Course focuses on the development of speed, agility and plyometric training for men. Training will include speed training, progressive plyometric techniques, agility drills, flexibility exercises and core strengthening techniques. Health and nutritional issues specific to athletics will also be addressed. **Strongly Recommended:** Previous athletic experience

PEAC SPM2 INTER. SPEED AND PLYO TRAINING 1 Unit

Intermediate course on the development of speed and power for men. Training will have a strong plyometric training techniques along with speed and agility training. **Prerequisite:** PEAC SPM1.

PEAC SPM3 ADV PLYOMETRIC TRAINING FOR MEN 1 Unit

Designed for men who want to continue to improve their ability to jump high and sprint fast. **Prerequisite:** PEAC SPM2 (completed with a grade of "C" or higher)

PEAC SWM1 BEGINNING SWIMMING 1 Unit

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

PEAC SWM2 INTERMEDIATE SWIMMING 1 Unit

Designed for students who have completed beginning swimming (SWM1). Intermediate stroke development will be presented in this course. **Prerequisite:** PEAC SWM1.

PEAC SWM3 ADVANCED SWIMMING 1 Unit

Designed for those students who would like to learn advanced strokes in swimming. **Prerequisite:** PEAC SWM2.

PEAC SWM4 HIGH LEVEL SWIMMING 1 Unit

Designed for students who are interested in acquiring the swimming skills and conditioning necessary to compete at a high level. **Prerequisite:** PEAC SWM3

PEAC TEN1 TENNIS 1 Unit

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

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

For the most current class information, scan the QR code for the searchable online class schedule at www.chabotcollege.edu/courses



PEAC TEN2 TENNIS 2

1 Unit

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

PEAC TEN3 TENNIS 3

1 Unit

This course is for tennis players who are at an advanced level of play. The course will involve singles and doubles strategies that utilize high percentage play, footwork and conditioning drills, strategies for courts positioning in both singles and doubles play. **Prerequisite:** PEAC TEN2.

PEAC TEN4 TENNIS 4

1 Unit

This course is designed for those tennis players who are competing in tournaments or league play. The course will cover strategy, court positioning, footwork and conditioning, and tennis strokes technique. **Prerequisite:** PEAC TEN3.

PEAC WAP1 INTRODUCTION TO WATER POLO

1.5 Units

Designed to provide the student the opportunity to develop their skills in water polo. Aspects of leadership, team play, sportsmanship, and other social values are concomitant objectives. Students will learn about training and prevention of metabolic syndrome through diet and exercise in this course.

PEAC WAP2 BEGINNING WATER POLO

1.5 Units

Designed continue to enhance and to develop strategic play necessary for tournament play. **Prerequisite:** PEAC WAP1.

PEAC WEI1 INTRODUCTION WEIGHT TRAIN 1

1 Unit

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

PEAC WEI2 INTERMEDIATE WEIGHT TRAINING

1 Unit

Designed to focus on increasing the muscular hypertrophy of the prime movers. Workout templates will be provided that stimulate and provoke high and positive chemical changes within the muscle system. **Prerequisite:** PEAC WEI1 (completed with a grade of "P" or higher).

PEAC WEI3 ADVANCED WEIGHT TRAINING

1 Unit

Designed to teach the student advanced lifts and training methods in weight training and to develop the highest level of force and to become significantly stronger through the use of muscular strength training stimulus. The student will learn to synchronize their muscles involved in the exercise. **Prerequisite:** PEAC WEI2 (completed with a grade of "P" or higher).

PEAC WEI4 TRAINING FOR POWER

1 Unit

This is a course designed to increase the muscular power of the student through high velocity training. Emphasis on improving neuromuscular coordination through the utilization of the stretch-reflex principle and higher rates of acceleration through lighter training loads. **Prerequisite:** PEAC WEI3.

PEAC WLK1 WALKING FOR FITNESS 1

1 Unit

This course is for students of all fitness levels who would like to utilize walking as a fitness enhancing activity. Walking routes begin on campus and explore a multitude of nearby parks and trails. Topics to be discussed include: fitness and health assessment, equipment and safety, walking techniques, motivation, nutrition basics, program design and evaluation, volkssporting and more.

PEAC WLK2 ADVANCED WALKING FOR FITNESS

1 Unit

This is course is for students of intermediate-to-advanced fitness levels who would like to utilize walking as a fitness enhancing activity. Walking routes are on campus and will utilize the stadium bleachers, stairs and track. Multiple discussion topics will include: interval training, fitness and health assessment, FITT principles, equipment and safety, walking techniques, motivation, nutrition basics program design and evaluation. Students will learn about target heart rate training and recording and monitoring their heart rate in this course. **Prerequisite:** PEAC WLK1.

PEAC WLK3 ADVANCED CARDIO FITNESS THRU WALKING

1 Unit

Designed to develop advanced cardiovascular fitness through walking and a series of supplemental exercises. **Prerequisite:** PEAC WLK2.

PEAC WLK4 WALK/JOG FOR TOTAL FITNESS

1 Unit

The fourth in a series of walking fitness courses to improve cardiovascular fitness. The goal of this course is bridge the gap between walking and jogging through a gradual and progressive training plan. **Prerequisite:** PEAC WLK3.

PEAC WOW1 WOMEN'S WEIGHT TRAINING 1

1 Unit

Designed to provide introductory information on physical fitness and strength training through the use of progressive resistance exercises.

PEAC WOW2 WOMEN'S WEIGHT TRAINING 2

1 Unit

Designed to provide basic information to students wishing to improve their physical fitness through the use of progressive resistance exercises. The material for the course is predicated upon the use of sound physiological principles. **Prerequisite:** PEAC WOW1.

PEAC WOW3 ADVANCED RESISTANCE TRAINING

1 Unit

Designed to provide advanced information to students wishing to improve their physical fitness through the use of progressive resistance exercises. Students will learn about advanced training methods and develop advanced personal workout programs. **Prerequisite:** PEAC WOW2.

PEAC YOG1 INTRODUCTION TO YOGA

1 Unit

This course explores the basic principles of Hatha Yoga and how they apply to achieving lifetime fitness. It incorporates yoga postures (asanas) designed to strengthen and tone the body. Breathing exercises, relaxation and meditation techniques are learned and practiced throughout the course.

PEAC YOG2 INTERMEDIATE YOGA

1 Unit

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

PEAC YOG3 ADVANCED YOGA

1 Unit

Designed for students who have completed Yoga 2 and are ready to study more advanced and complicated asanas. **Prerequisite:** PEAC YOG2.

PEAC YOG4 YOGA FOR LIFE

1 Unit

Designed for the advanced yoga student to learn yoga routines that can be performed throughout life. **Prerequisite:** PEAC YOG3.



PHYSICS

“Physics” comes from the Greek ‘knowledge of nature’, and is a subject of science studying matter and energy in nature, their motion and action through space and time. Physics encompasses everything, from the smallest of sub-atomic particles to the largest scales of the universe.

At its roots, Physics is an experimental science - perhaps best expressed by Nobel Laureate Richard Feynman:

“It doesn’t matter how beautiful your theory is, it doesn’t matter how smart you are. If it doesn’t agree with experiment, it’s wrong.”

Feynman also said, “There is nothing that living things do that cannot be understood from the point of view that they are made of atoms acting according to the laws of physics.”

Chabot’s offers physics courses for everyone, whether you just need physical science credits for an AA/AS degree, or you are interested in biological sciences and allied health careers, or you are a STEM major heading towards a university.



PHYS 3A COLLEGE PHYSICS A

4 Units

Introduction to the major principles of classical mechanics using calculus for students studying life sciences and architecture. Includes: the scientific method and social responsibility of the scientist, Newtonian mechanics, energy, gravitation, fluids, thermodynamics, and vibration waves.

Prerequisite: MTH 1 or MTH 22 and MTH 15 (MTH 1 or MTH 15 can be taken concurrently.)

PHYS 4A GENERAL PHYSICS I

5 Units

Introduction to the principles of Newtonian mechanics using calculus. May not receive credit if PHYS 7A has been completed successfully. **Prerequisite:** MTH 1, MTH 2 (MTH 2 may be taken concurrently), **Strongly Recommended:** PHYS 18 or High School Physics.

PHYS 4B GENERAL PHYSICS II

5 Units

Electric fields, voltage, electric currents, DC circuits, magnetic fields, induced currents, alternating circuits, and Maxwell’s Equations. May not receive credit if PHYS 7C has been completed successfully. **Prerequisite:** PHYS 4A and MTH 2 and MTH 3 (MTH 3 may be taken concurrently).

PHYS 11 DESCRIPTIVE PHYSICS

4 Units

Motion, gravitation, heat, light, sound, electricity, magnetism, atoms, and nuclei. Present day scientific problems and developments such as alternative energy sources, solar energy, nuclear power, lasers, relativity and black holes. Designed for non-majors in physical science. Includes an introduction to laboratory principles and techniques with emphasis on the basic concepts discussed in the class. **Strongly recommended:** Mathematics 104. May not receive credit if Physics 10 or Physics 10L has been completed.

PHYS 18 PREPARATORY PHYSICS

3 Units

Basic problem solving techniques in mechanics as preparation for Physics 2A and Physics 4A. Methods and strategies used to solve quantitative Physics problems. Intended for liberal arts, mathematics, engineering, and science students. Emphasis on group problem-solving activities, diversity in problem-solving approaches, and detailed oral and written presentation of solutions. **Strongly recommended:** Math 36 or Math 37 (completed with a grade of “C” or higher) or equivalent.

PHYS 25 COMPUTATIONAL METHODS ENGINEERS/SCIENTISTS

3 Units

Methodology and techniques for solving engineering/science problems using numerical-analysis computer-application programs MATLAB, SimuLink, MuPad, and EXCEL. Technical computing and visualization using MATLAB software. Examples and applications from applied-mathematics, physical-mechanics, electrical circuits, biology, thermal systems, fluid systems, and other branches of science and engineering. May not receive credit if Engineering 25 or Mathematics 25 has been completed. **Prerequisite:** MTH 1.

POLITICAL SCIENCE

The Political Science department at Chabot College is dedicated to fostering a broad understanding of local, national, and international political systems and social scientific methods, encouraging active civic engagement, and heightening student awareness of the complex and diverse global connections that define today’s world.

The Political Science department offers a variety of courses in political science ranging from the core course, Introduction to American Government, to courses in Comparative Government, International Relations, and Contemporary Issues in American Politics. The American Government course helps satisfy the CSU American Institutions requirement.



POSC 1 INTRODUCTION TO AMERICAN GOVERNMENT

3 Units

Introduction to American politics and government, including the institutions and constitutions of the U.S. and California, campaigns and elections, political media, civil rights and liberties, political culture, public opinion, and other contemporary political issues and events. **Strongly Recommended:** Eligibility for ENGL 1.

POSC 12 INTRO CA STATE AND LOCAL GOVERNMENT

3 Units

Introduction to the politics of California, both on the state and local levels. Students will learn how politics works locally and in Sacramento, and how to effectively enact change in politics and public policy. Emphasis on current issues and the influences of historical, geographical, political, economic and social factors on the political realities in California today. **Strongly Recommended:** Eligibility for POSC 1 and Eligibility for ENGL 1.

POSC 30 INTERNATIONAL RELATIONS

3 Units

Introduction to the basic concepts, theories, and principles of international relations. Course will examine contemporary world affairs including the importance of nationalism, imperialism, ideology, alliance systems, development, and the nature of international organizations.

POSC 35 POLITICS OF RACE AND GENDER

3 Units

An overview of the history and contemporary political issues and concerns affecting the status and power of groups that have traditionally been politically and socially disadvantaged in the United States. These groups include, but are not limited to, African-Americans, Asian-Americans, Native Americans, Latinx, LGBT, and Women. **Strongly Recommended:** POSC 1 or , ES 1

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PSYCHOLOGY

We seek to foster in students an understanding of the range and complexity of human behavior, and of the methods that have been used to study it. We also seek to inspire a value for diversity within the context of a rich and complex society.

In addition to the core course in General Psychology, the program offers a broad array of lower division courses, all of which are transferable to CSU (most to UC as well), and most of which meet GE breadth requirements for the associate degree and for transfer.



PSY 1 GENERAL PSYCHOLOGY 3 Units

Introduces 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:** ENGL 1A

PSY 2 PSYCHOLOGICAL METHODOLOGY 3 Units

This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology will be examined through a review of research in a variety of the subdisciplines of psychology. **Prerequisite:** PSY 1 (completed with a grade of "C" or higher) and PSY 5 equivalent statistics course (completed with a grade of "C" or higher). **Strongly Recommended:** ENGL 1A

PSY 3 SOCIAL PSYCHOLOGY 3 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

PSY 4 BRAIN, MIND AND BEHAVIOR 3 Units

This course introduces the scientific study of the biological bases of behavior and its fundamental role in the neurosciences. Physiological, hormonal, and neurochemical mechanisms, and brain-behavior relationships underlying the psychological phenomena of sensation, perception, regulatory processes, emotion, learning, memory, neurological, developmental and psychological disorders will be addressed. **Prerequisite:** PSY 1 **Strongly Recommended:** ENGL 1A

PSY 5 INTRODUCTION STATS FOR BEH & SOC SCI 4 Units

Statistics as applied to the behavioral and social sciences. Applications using data from disciplines including psychology, social sciences, business, life science, techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include: descriptive and inferential statistics; probability and sampling distributions; correlation and linear regression; analysis of variance (ANOVA), chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. **Strongly Recommended:** ENGL 1A. **Prerequisite:** MTH 53 (completed with a grade of "C" or higher) or , MTH 53B (completed with a grade of "C" or higher) or , MTH 54 (completed with a grade of "C" or higher) or , MTH 54L (completed with a grade of "C" or higher) or , MTH 55 (completed with a grade of "C" or higher) or , MTH 55B (completed with a grade of "C" or higher) or MTH 55L (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Early Assessment Program or an appropriate skill level demonstrated through the Mathematics Assessment process.

PSY 5W INTRODUCTORY STATISTICS 0.5 Units

Practice and application of statistics through study group, additional support, collaborative workshop and computer lab time. Support workshop for Introductory Statistics for the Behavioral and Social Sciences PSY 5 course. **Corequisite:** PSY 5

PSY 6 ABNORMAL PSYCHOLOGY 3 Units

An overview of the field of abnormal psychology. Introduces students to the major classifications of mental health disorders from the perspective of symptoms and behavior, causes, diagnosis and treatment. Examines historical, socio-cultural and contemporary understanding of mental illness. Includes disorders of mood, anxiety, psychosis, substance abuse, personality and other disorders in adults and children. **Strongly Recommended:** ENGL 1A

PSY 8 HUMAN SEXUALITY 3 Units

This course is an introductory overview of the field of human sexuality. Human sexuality will be examined from biopsychosocial perspectives.

PSY 12 LIFESPAN PSYCHOLOGY 3 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.

PSYCHOLOGY-COUNSELING

We seek to foster in students an understanding of the range and complexity of human behavior, and of the methods that have been used to study it. We also seek to inspire a value for diversity within the context of a rich and complex society.

In addition to the core course in General Psychology, the program offers a broad array of lower division courses, all of which are transferable to CSU (most to UC as well), and most of which meet GE breadth requirements for the associate degree and for transfer.

PSCN 2 INTRODUCTION CASE MGMT FOR HUMN SERV 3 Units

Introduction to case management theory, models and techniques. Emphasis is placed on case management philosophy, ethical issues, concepts and practices. **Strongly Recommended:** PSCN 13 OR, PSCN 5 (same as APHC 9712) OR, PSCN 4.

PSCN 4 MULTIETHNIC/CULTURAL COMMUNIC 3 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.

PSCN 5 INTR TO SOC WK & HUM SERVICES

3 Units

Introduction to human services field. Includes history, ethics, values, and principles of human and social services. Focus on modern practice, research techniques, and skills. May not receive credit if APHC 9712 has been completed successfully. **Strongly Recommended:** ENGL 1 (completed with a grade of "C" or higher)

PSCN 10 CAREER AND EDUCATION PLANNING

2 Units

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

PSCN 12 SELF-ESTEEM FOR SUCCESS

2 Units

Exploration of causes of low self-esteem, methods for building self-esteem and habits for success. Designed to improve self-esteem to ensure academic success.

PSCN 13 MULTICULTURAL ISSUES/AMERICA

3 Units

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

PSCN 15 COLLEGE STUDY SKILLS

2 Units

A review of study skill techniques for success in college. Topics include college culture and resources, time management, personal learning style, organization, note-taking and test-preparation strategies. Includes practice and evaluation of study skill techniques.

PSCN 18 UNIVERSITY TRANSFER PLANNING

0.5 - 1 Unit

Introduction to the resources and planning process needed to ease transition from community college to a four-year college or university. Development of a transfer action plan. Preparation for major and general education requirements. Application cycles and important deadlines. Recommended for those transferring to four-year colleges or universities.

PSCN 20 THE COLLEGE EXPERIENCE

2 Units

This course is designed to support student success at every level. Students will have an opportunity to work with a counselor for the entire semester. Topics include academic skills development, time management, access to campus resources, and education planning.

PSCN 21 STRATEGIES FOR COLLEGE SUCCESS

1 Unit

Assessment of learning and college life. Introduction to practical strategies for success in college. Includes student academic programs, college policies, student rights and responsibilities, graduation and transfer requirements, and campus resources and activities. Designed for first-time, returning and re-entry students to ease transition into college and maximize success towards their academic goals. May not be taken for credit if Psychology Counseling 20 or General Studies 20 has been completed.

PSCN 22 COLLEGE SUCCESS LECTURE SERIES

1 Unit

Workshop format focusing on practical strategies for success in college. academic and/or career goal setting; transitioning and adapting to higher education; educational planning for graduation and/or transfer; support services and campus resources; majors and careers; plus other topics as student needs are identified. Designed for all students to maximize their potential with emphasis on enhancing the new student's transition into college.

PSCN 23 CREATING SUCCESS IN COLLEGE AND LIFE

3 Units

A course designed to equip students for lifelong learning and developing critical thinking that will facilitate their adjustment to the college environment and the successful pursuit of their educational and career goals. This course provides an introduction to academic skills and strategies, campus resources and activities, decision making and planning, college policies and procedures, interpersonal communication, stress management techniques, self-exploration and goal setting, and student rights and responsibilities.

PSCN 24 PERSONAL GROWTH

1 Unit

The course is designed for students with disabilities to improve life management skills. Through this course, students explore behaviors by interacting with others and improving interpersonal skills to benefit academic, career, and personal development.

REAL ESTATE

Chabot College offers students the choice of pursuing an Associate in Arts Degree and/or a Certificate of Achievement in Real Estate or a Certificate of Proficiency in Real Estate.

Our exemplary Real Estate program will provide/prepare students with the theory, knowledge and skills necessary for state of Calif. DRE licensing to become a real estate Agent/Salesperson and/or a Real Estate Broker, as well as helping the student prepare to take the DRE licensing exam.

REST 80 REAL ESTATE PRINCIPLES

3 Units

This course is a great introduction to the fundamentals of real estate buying and selling as well as the real estate business. Some of the topics covered are: property acquisition, ownership, estates in real property, joint tenancies, partnerships, taxes and regulation of the real estate business.

REST 81A LEGAL ASPECTS OF REAL ESTATE

3 Units

This dynamic course covers California law and how it affects the real estate industry. The role of the law is covered from before the San Francisco earthquake of 1906 to the current modern day technology-driven world. Some of the topics reviewed are: water rights, air rights, oil & gas ownership, neighboring property owner disputes, fiduciary agent duties, foreclosure, California Department of Real Estate (DRE) regulation of agents, CERCLA, liens and California coastal environmental laws. **Strongly Recommended:** REST 80.

REST 82A REAL ESTATE APPRAISAL

3 Units

This course helps the student to understand how residential real estate values are determined and what factors affect the increase and or decrease in real estate values over time. This course can be useful for the student interested in how real estate values are determined, for the student planning on investing in real estate or intending to pursue a career in the real estate field. The class is really useful in understanding how and why the real estate market values fluctuate with the changing economy in California.

REST 83 REAL ESTATE FINANCE

3 Units

The Residential Real Estate Financing course is an excellent introduction to the process of acquiring a loan to purchase a home or investment real estate property. This course will introduce the student to the different factors involved in securing a property loan and the requirements for receiving a low interest rate, along with the importance of a good credit rating and FICA score. The course also covers the big picture of the U.S. Government and how it affects the overall real estate financing market and interest rates. **Strongly Recommended:** REST 80.

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

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REST 84 REAL ESTATE PRACTICE

3 Units

This course will help the student understand how a residential real estate agent or broker operates their business, and the factors involved in developing a career in real estate. The student will learn about the “how to” of real estate and what a successful real estate agent does to thrive in the competitive and potentially lucrative residential real estate industry. If you are interested in learning about all the activities involved in working in the real estate field in an effort to see if this industry is right for you, this is a helpful class. **Strongly Recommended:** REST 80.

REST 88 REAL ESTATE PROPERTY MANAGEMENT

3 Units

This course provides an interesting overview of real estate property management and demonstrates how every property has a property manager, seen or unseen. There are extensive career opportunities in property management in many areas and different property types. In this class, the different types of property management areas are explored including: residential multi-family apartments commercial retail shopping center properties office properties industrial properties Special use properties (churches, schools, resorts) If you are interested in learning about real estate property management as a career option or for your own property management purposes, this class is an excellent choice to gain that knowledge. **Strongly Recommended:** REST 80.

REST 90 EXAM PREPARATION: CA LICENSING

2 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.

RELIGIOUS STUDIES

Explore the many religions of the world from the aspect of philosophy, history, interpretation and present viewpoints. Some courses can be taken to fulfill various General Education Requirements, or carry transfer credit and can prepare you for transferring to earn a four-year degree in applicable majors.

RELS 50 RELIGIONS OF THE WORLD

3 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.

SERVICE LEARNING

SERV 85A LEARNING IN ACTION: BEGINNING

1 Unit

Placement in meaningful volunteer projects in community organizations or schools, approved by instructor and supervised by site supervisor. Class will meet one hour per week on campus for reflection and discussion of community issues, and students will serve at least 3 hours per week in community agencies or schools.

SIGN LANGUAGE

American Sign Language is the main sign language in the United States, and the main sign language for many deaf communities in the US. The courses in the ASL program at Chabot college will teach you communication skills through the language of sign. The courses also develop students' understanding of deafness and deaf culture. The program will prepare you to use ASL for your personal or career needs, whether you are a deafened adult, want to communicate with family or friends who are deaf, want to work as an interpreter or bilingual speaker, or just want to learn a new language! Most ASL courses are CSU and UC transferable.



SL 64 ASL BEGINNING SIGN LANGUAGE

3 Units

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

SL 66 ADVANCED SIGN LANGUAGE

3 Units

Further development of American Sign Language (ASL) receptive/ expressive skills and knowledge learned in Sign Language 65. Emphasis on conversational skills in functional situations, continued vocabulary expansion and knowledge of Deaf culture and the Deaf community. **Prerequisite:** Sign Language 65 (completed with a grade of C or higher).

SL 65 ASL INTERMEDIATE SIGN LANGUAGE

3 Units

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

SL 67 ADVANCED II AMERICAN SIGN LANG

3 Units

Further development of American Sign Language (ASL) receptive/ expressive skills and knowledge learned in Sign Language 66. Emphasis on conversational skills in functional situations, continued vocabulary expansion and knowledge of Deaf culture and the Deaf community. **Prerequisite:** SL 66 (completed with a grade of “C” or higher)

SOCIOLOGY

We seek to foster in students and understanding of the range and complexity of human societies and social structures, and the methods that have been used to study human society. We also seek to inspire a value for diversity, and to prepare students for successful transfer.

Sociology studies human interaction and society with emphasis on the impact of culture and social institutions on human behavior. In particular, sociology students learn how race, class, gender, and sexuality shape our everyday lives.

The Chabot Sociology department serves hundreds of students who are academically and culturally diverse. A large number of Chabot students take sociology courses to fulfill their General Education requirements, to transfer, or for personal enrichment. The department also offers an AA-T degree in Sociology.

SOCI 1 PRINCIPLES OF SOCIOLOGY

3 Units

An introduction to the study of sociology which includes an examination of major theories, research methodology, culture, socialization, deviance, social class, race, gender, and social change.

SOCI 2 SOCIAL PROBLEMS

3 Units

Introduction and analysis of contemporary social problems from a sociological perspective. Focus on modern American society. **Strongly Recommended:** SOCI 1

SOCI 3 INTRODUCTION TO RACE & ETHNIC RELATIONS

3 Units

Analysis of racial and ethnic relations in the United States from a sociological perspective. **Strongly Recommended:** SOCI 1

SOCI 4 MARRIAGE & FAMILY RELATIONS

3 Units

Students in this course will explore the family institution, including different family forms, historical and recent changes in the family, the cultural and economic forces shaping changes in the family, and challenges faced by today's families. **Strongly Recommended:** SOCI 1

SOCI 6 INTRODUCTION TO GENDER

3 Units

This course offers students a critical examination of the way society shapes our ideas of gender and sexuality, including definitions of masculinity and femininity. Students will learn how our society creates gender difference, a gender binary, and gender inequality. A focus will be on how the concept of gender changes as it intersect with race/ethnicity, class, and sexuality and the impact of socio-economic and political change on gender expectations.

SOCI 7 WOMEN OF COLOR IN THE US

3 Units

Critical examination of the historical and socio-cultural experiences of African American, Latinx/a, Asian American, Native American, Arab American, and Pacific Islander women through a feminist perspective. The course will study gender and how it intersects with race, ethnicity, nationality, class, sexuality, religion, and other systems of difference and power. (No credit if ES 7 has been completed).

SPANISH

Learn a new language that can help broaden your global cultural knowledge, and for traveling, fulfill requirements to transfer to a 4-year college and increase career opportunities.

SPA 1A BEGINNING SPANISH

5 Units

In this course, you will be introduced 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 ENGL 1

SPA 1B ELEMENTARY SPANISH I

5 Units

In this course, you will further study the Spanish-speaking cultures of the world featuring the study and practice of the four language skills (listening, speaking, reading, and writing) of Spanish. **Prerequisite:** SPA 1A (completed with a grade of "C" or higher) or , SPA 1A2 (completed with a grade of "C" or higher)

SPA 2A INTERMEDIATE SPANISH

4 Units

In this course, you will further study the Spanish-speaking cultures of the world through a review of first-year linguistic content, read works of modern authors, and practice conversation and composition. **Prerequisite:** SPA 1B (completed with a grade of "C" or higher) or , SPA 1B2 (completed with a grade of "C" or higher)

SPA 2B ADVANCED SPANISH

4 Units

In this course, you will continue the study of the Spanish-speaking cultures of the world through a review advanced linguistic content, read works of Hispanic authors, and put emphasis on conversation and composition. **Prerequisite:** SPA 2A (completed with a grade of "C" or higher)

SPA 50A SPA CONVERSATION & CULTURE I

3 Units

Development of a basic understanding of spoken Spanish through pronunciation, vocabulary, and applied grammar, and an introduction to the everyday culture of Spanish-speaking people.



THEATER ARTS

Theater Arts at Chabot is dedicated to serving theater students, the campus community and the community at large. In addition to courses in all the many areas of theater; Acting, Writing, Directing, Technical Theater, Voice, Movement, History and more, we offer a wide range of theater productions. Our mainstage theater productions give students the opportunity to use all the skills they are learning in other courses and apply them under the guidance of a faculty director.

While study in Theater Arts at Chabot College advance a student's abilities as a theater artist, they also contribute to the growth of the whole person. Social consciousness, connection to self, personal responsibility, collaboration, creativity, problem solving under stress, critical thinking, are just of a few of the things participation in theater helps a student develop. Though many of our students go on to further study in theater as well as becoming professionals in the field, all of our students carry the lessons and memories they learned from their theater experiences into whatever they do next.

THTR 1 INTRODUCTION TO ACTING

3 Units

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

THTR 3 IMPROVISATION FOR THE THEATER

3 Units

Introduction to the techniques and theories of improvisation and its various uses in theater. Development of the ability to think quickly, develop characters, work in an ensemble and create spontaneously through various exercises. Recommended for non-theater as well as theater majors.

THTR 4A INTRODUCTION TO ACTING ON CAMERA

3 Units

Learn approaches for preparing, rehearsing and performing on camera that can be used for commercials, film and television work. Students will prepare and perform scenes and monologues that will be shot on camera in studio and on-location settings. May not receive credit if THTR 4 has been completed. **Strongly Recommended:** THTR 1 (completed with a grade of "C" or higher), THTR 17 (completed with a grade of "C" or higher)

THTR 4B ADVANCED ACTING ON CAMERA

3 Units

This course builds on the skills developed in THTR 4A, deepening student's understanding of how to perform on camera with authenticity and believability. Scenes will be more complex and demanding than those at the previous level. **Prerequisite:** THTR 4A (completed with a grade of "C" or higher) or THTR 4 (completed with a grade of "C" or higher) **Strongly Recommended:** THTR 1 (completed with a grade of "C" or higher) and THTR 2A (completed with a grade of "C" or higher) or THTR 2

THTR 10 INTRODUCTION TO THEATER ARTS

3 Units

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

Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

For the most current class information, scan the QR code for the searchable online class schedule at www.chabotcollege.edu/courses



FALL 2024 COURSES

THTR 22 INTRODUCTION TO DESIGN-COSTUME/MAKEUP 3 Units

Students will study costume history, design, and basic construction techniques as an introduction to basic theatrical costuming. There will also be attention paid to makeup for theatrical purposes.

THTR 30A INTRODUCTION TO EMERGING WORK 3 Units

Development of new plays for staged readings and/or productions. This class will develop and perform plays for an audience, with an emphasis on the evolution of the dramatic texts. Special projects, such as specific textural challenges, may be included.

THTR 30B BASICS OF EMERGING WORK 3 Units

This is continuation of THTR 30A, the development of new plays and/or other special projects for production and/ or readings. This course emphasizes character study and scene breakdown. **Prerequisite:** THTR 30A (completed with a grade of "C" or higher)

THTR 30C EMERGING WORK READING WKSHP 3 Units

This is a continuation of THTR 30B, as students further their skills in the development of new dramatic material. This course emphasizes character development and story arc, culminating in the staged reading, the reading workshop. **Prerequisite:** THTR 30B (completed with a grade of "C" or higher)

THTR 30D EMERGING WORKSHOP PRODUCTION 3 Units

This is the capstone course of the THTR 30 track, where students continue to hone their skills in the development of new work and/or other special projects for the stage. This course will emphasize an actual staged production near the end of the term, with instruction in student directing, stage management, elemental production values of lights, sound and costumes. **Prerequisite:** THTR 30C (completed with a grade of "C" or higher)

THTR 47A INTRODUCTION TO COLLEGE THEATER ACTING 3 Units

This course provides instruction and supervised participation in theater rehearsal and performance in main season production or project. Enrollment is for duration of the production.

THTR 47B COLLEGE THEATER ACTING- BASICS 3 Units

This is a continuation of THTR 47A, as students further their acting skills in a college production. This course emphasizes character development, along with objectives, actions and obstacles. **Prerequisite:** THTR 47A (completed with a grade of "C" or higher)

THTR 47C COLLEGE THEATER ACTING: INTERMEDIATE 3 Units

This is a continuation of THTR 47B for furthering a student's skill as an actor in a college production. Emphasis in this course will be on effective rehearsal techniques, generous responses, and ensemble building. **Prerequisite:** THTR 47B (completed with a grade of "C" or higher)

THTR 47D COLLEGE THEATER ACTING: ADVANCED 3 Units

This is a continuation of THTR 47C, where students further developing their skills as actors in a college production. This course will emphasize the polish in performance, the evaluation of one's work and the development of a personal, creative process. **Prerequisite:** THTR 47C (completed with a grade of "C" or higher)

THTR 48A COLLEGE THEATER TECHNICAL: INTRODUCTION 3 Units

Participation in scheduled productions as crew members and/or constructing its technical elements. Development of skills in the various technical areas involved in the presentation of a theatrical production.

THTR 48B COLLEGE THEATER TECHNICAL: BEGINNING 3 Units

This is a continuation of THTR 48A. Participation in scheduled productions as crew members and/or constructing its technical elements. Continued application of skills in the various technical areas involved in the presentation of a theatrical production learned in THTR 48A. **Prerequisite:** THTR 48A (completed with a grade of "C" or higher)

THTR 48C COLLEGE THEATER TECHNICAL: INTERMEDIATE 3 Units

This is a continuation of THTR 48B. Participation in scheduled productions as crew members and/or constructing its technical elements. Application of skills in the various technical areas involved in the presentation of a theatrical production learned in THTR 48B. **Prerequisite:** THTR 48B (completed with a grade of "C" or higher)

THTR 48D COLLEGE THEATER TECHNICAL: ADVANCED 3 Units

This is the capstone course in the THTR 48 track. Participation in scheduled productions as crew members and/or constructing its technical elements. Application of leadership skills in the various technical areas involved in the presentation of a theatrical production. **Prerequisite:** THTR 48C (completed with a grade of "C" or higher)

TUTORING

TUTR 1A BEGIN TUTORING THEORY AND PRACTICE 0.5 Units

Beginning training for college tutors and study group leaders to acquire specific skills and techniques for tutoring and leading study groups.

TUTR 1B INTERMED TUTORING THEORY AND PRACTICE 0.5 Units

Intermediate training for college tutors to acquire specific skills and techniques for tutoring and leading study groups. **Prerequisite:** TUTR 1A (completed with a grade of "P" or higher)

TUTR 2A BEG CONTENT TRAINING SOCIAL SCIENCE 0.5 Units

TUTR 2A BEG CONTENT TRAINING SCHOOL OF THE ARTS 0.5 Units

TUTR 2A BEG CONTENT TRAINING BUSINESS 0.5 Units

TUTR 2A BEG CONTENT TRAINING MATH 0.5 Units

TUTR 2A BEG CONTENT TRAINING LIFE SCIENCE 0.5 Units

TUTR 2A BEG CONTENT TRAINING CHEMISTRY 0.5 Units

TUTR 2A BEG CONTENT TRAINING ENGLISH 0.5 Units

TUTR 2A BEG CONTENT TRAINING WORLD 0.5 Units

Beginning training for college tutors to acquire skills and techniques for tutoring in specific content areas.

TUTR 2B INTER CONTENT TRAINING SOCIAL SCIENCE 0.5 Units

TUTR 2B INTER CONTENT TRAINING SCHOOL OF THE ARTS 0.5 Units

TUTR 2B INTER CONTENT TRAINING BUSINESS 0.5 Units

TUTR 2B INTER CONTENT TRAINING MATH 0.5 Units

TUTR 2B INTER CONTENT TRAINING LIFE SCIENCE 0.5 Units

TUTR 2B INTER CONTENT TRAINING CHEMISTRY 0.5 Units

TUTR 2B INTER CONTENT TRAINING ENGLISH 0.5 Units

TUTR 2B INTER CONTENT TRAINING WORLD 0.5 Units

Intermediate training for college tutors to acquire skills and techniques for tutoring in specific content areas. **Prerequisite:** TUTR 2A (completed with a grade of "P" or higher)

TUTR 31A CHABOTLINK BEGINNING PEER ADVISOR TRAINING 1 Unit

Beginning skills, techniques, leadership training, and information needed by peer advisors to help students gather information and explore practical strategies for academic success. College policies, campus resources, programs and services, student rights and responsibilities, general educational planning (including graduation and transfer requirements), major offerings, public speaking, listening strategies. Required for all peer advisors participating in the ChabotLink Program.

WELDING TECHNOLOGY

Welding is an art, revealed through acquired skills and technical knowledge. The U.S. Department of Labor includes more than 75 occupational titles that include some form of welding or welding-related activity. Basic welding skills are necessary across many industries; this applicability allows the welding workforce to swiftly respond in accommodating new emerging industry needs. It is estimated that 30,000 to 55,000 new welders are needed each year in the United States to meet the rising industrial demands. (This figure does not include jobs lost due to the retiring workforce or career changes).

Overall, the welding profession is less likely to be affected by the volatility of the economic cycle and the possibility of layoffs than other workers. A skilled welder is part electrician, metallurgist, chemist, designer, and mechanical engineer. Welders are respected for what they do and what they know. The first step in that direction is simply to take your first welding course. Seize the opportunity and enjoy the knowledge and training that will enable you to pursue a career as a welder anywhere in the world.



WELD 64A BEGIN ARC, FLUX-CORE WELDING AND BLUEPRINT 3 Units

Theory and practical application of: Shielded Metal Arc Welding (SMAW) and Flux-Core Arc Welding (FCAW) flame cutting, American Welding Society (AWS) nomenclature and codes, welding metallurgical transformations, welding discontinuities and defects, welding electrodes and wire selection, OSHA hazardous materials regulation, general shop equipment usage and maintenance, shop safety, and blueprint reading (as applied in manufacturing industry). May not receive credit if APPM 9778 has been completed successfully. **Strongly Recommended:** WELD 70 or , APPM 9775

WELD 64B ADV ARC, FLUX-CORE WELDING & BLUEPRINT 3 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 Recommended:** Welding Technology 64A or Welding Technology 70.

WELD 65A BEGINNING TIG, MIG, AND BLUEPRINT READING 3 Units

Theory and practical application of GTAW (Gas Tungsten Arc Welding/TIG) and GMAW (Gas Metal Arc Welding/MIG) using ferrous and non-ferrous metals, AWS (American Welding Society) codes and standards, welding symbols, introductory blueprint reading, proper and safe use of welding equipment and hazardous material regulations. May not receive credit if APPM 9776 has been completed successfully. **Strongly Recommended:** WELD 70 or , APPM 9776

WELD 65B ADVANCED TIG, MIG, AND BLUEPRINT READING 3 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:** Welding Technology 65A and Welding Technology 70.

WELD 66 WELD INSPECTION & TESTING 2 Units

Theory and practical application of inspection testing using destructive and non-destructive methods (dye penetration method, magnetic particle, radiographic, ultrasonic, and metallographic inspection), AWS (American Welding Society) welding codes and specification, analysis of joint configuration, wire and electrodes selections, tensile strength, bend and hardness testing. May not receive credit if APPM 9777 has been completed successfully. **Strongly Recommended:** APPM 9775 or , WELD 70 or , APPM 9774 or , INDT 74

WELD 67A WELDING SKILLS LABORATORY 2 Units

Development and improvement of practical welding skills using SMAW, FCAW, MIG, GMAW, and GTAW processes. Preparation for welding solidification in 1G, 2G 1F and 2F positions. **Strongly Recommended:** concurrent enrollment in WELD 64A, 65A, or 70

WELD 67B ADVANCED WELDING SKILLS LABORATORY 2 Units

Advanced development and improvement of practical welding skills using Shielded Metal Arc Welding, Flux-Cored Arc Welding, Gas Metal Arc Welding and Gas Tungsten Arc Welding in the 1G, 2G, 3G, 4G, 1F, 2F, 3F and 4F positions. **Strongly Recommended:** WELD 64B and WELD 65B or equivalent

WELD 68 CERTIFICATION PREPARATION 0.5 - 2 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.

WELD 69A FABRICATION & INSTALLING PIPING SYSTEMS 3 Units

Theory and practical application of pipe joint preparation and design, API (American Petroleum Institute) and AWS (American Welding Society) welding codes specification for pipe and pipe fittings, analysis of joint configuration, plasma and flame cutting of pipes, wire and electrodes selections, pipe welding blue print and welding symbols, SMAW, GMAW, and GTAW of pipe joints, non-destructive and destructive test and qualitative concepts of evaluation. **Prerequisite:** Welding Technology 64B or equivalent.

WELD 69B ADVANCED PIPE WELDING 3 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:** Welding Technology 69A or equivalent.

WELD 70 INTRODUCTION TO WELDING 2 Units

Welding industry fundamentals including introduction to SMAW, GMAW, GTAW, FCAW processes, oxyacetylene and braze welding, plasma and fuel gas cutting, general shop equipment usage, welding electricity fundamentals, shop safety, identification of welding consumables, hazardous materials regulation, introduction to blueprint reading as applied in manufacturing industry. May not receive credit if APPM 9775 has been completed successfully.



Courses are offered in multiple modalities, such as in-person, online, and hybrid, and multiple formats, such as full-term courses and short-term courses.

For the most current class information, scan the QR code for the searchable online class schedule at www.chabotcollege.edu/courses



AUDITABLE COURSES

SUBJECT	COURSE	SECTION	CORSE TITLE	CRN	INSTRUCTOR	MODALITY
ENGR	10	AU1	Introduction to Engineering	22494	Staff	Hybrid
ENGR	10	AU1	Introduction to Engineering	22494	Staff	Hybrid
ENGR	10	AU2	Introduction to Engineering	22495	Tess Weathers	F2FC
ENGR	15	AU1	Engineered Sys Sustainability	22496	Tess Weathers	Online Combo
ENGR	22	AU1	Engineering Design Graphics	22497	Staff	Hybrid
ENGR	22	AU1	Engineering Design Graphics	22497	Staff	Hybrid
ENGR	25	AU1	Computational Methods for ENGR	22498	Tess Weathers	Hybrid
ENGR	25	AU1	Computational Methods for ENGR	22498	Tess Weathers	Hybrid
ENGR	36	AU1	Engineering Mechanics -Statics	22503	Tess Weathers	Hybrid
ENGR	36	AU1	Engineering Mechanics -Statics	22503	Tess Weathers	Hybrid
MTH	15	AU1	Applied Calculus I	22507	Staff	F2FC
MTH	15	AU1	Applied Calculus I	22507	Staff	F2FC
MTH	15	AU1	Applied Calculus I	22507	Staff	F2FC
MTH	15	AU2	Applied Calculus I	22508	Daniel Quigley	Hybrid
MTH	15	AU2	Applied Calculus I	22508	Daniel Quigley	Hybrid
MTH	25	AU1	Comp Methods Engineer/Science	22500	Tess Weathers	Hybrid
MTH	25	AU1	Comp Methods Engineer/Science	22500	Tess Weathers	Hybrid
PHYS	25	AU1	Comp Methods Engineer/Science	22502	Tess Weathers	Hybrid
PHYS	25	AU1	Comp Methods Engineer/Science	22502	Tess Weathers	Hybrid
PLGL	33	AU1	Comp Application & E-Discovery	22788	Vahishta Pakpour	Online



BOARD POLICY 5500: STANDARDS OF STUDENT CONDUCT

References:

Education Code Sections 66300 and 66301;
ACCJC Accreditation Standards I.C.8 and 10

The Chancellor shall establish procedures for the imposition of discipline on students in accordance with the requirements for due process of the federal and state law and regulations.

The procedures shall clearly define the conduct that is subject to discipline, and shall identify potential disciplinary actions, including but not limited to the removal, suspension, or expulsion of a student.

The Board of Trustees shall consider any recommendation from the Chancellor for expulsion. The Board shall consider an expulsion recommendation in closed session unless the student requests that the matter be considered in a public meeting. Final action by the Board on the expulsion shall be taken at a public meeting.

The procedures shall be made widely available to students through the college catalogs and other means.

The following conduct shall constitute good cause for discipline, including but not limited to the removal, suspension, or expulsion of a student, except for conduct that constitutes sexual harassment under Title IX, which shall be addressed under BP 3433 Prohibition of Sexual Harassment under Title IX:

- Causing, attempting to cause, or threatening to cause physical injury to another person.
- Possession, sale, or otherwise furnishing any firearm, knife, explosive, or other dangerous object, including but not limited to any facsimile firearm, knife, or explosive, unless, in the case of possession of any object of this type, the student has obtained written permission to possess the item from a District employee, which is concurred in by the college president.
- Unlawful possession, use, sale, offer to sell, or furnishing, or being under the influence of, any controlled substance listed in Chapter 2 (commencing with Section 11053) of Division 10 of the California Health and Safety Code, an alcoholic beverage, or an intoxicant of any kind; or unlawful possession of, or offering, arranging, or negotiating the sale of any drug paraphernalia, as defined in California Health and Safety Code Section 11014.5.
- Committing or attempting to commit robbery or extortion.
- Causing or attempting to cause damage to District property or to private property on campus.
- Stealing or attempting to steal District property or private property on campus, or knowingly receiving stolen District property or private property on campus.
- Willful or persistent smoking in any area where smoking has been prohibited by law or by regulation of the college or the District.
- Sexual assault or sexual exploitation regardless of the victim's affiliation with the District.

- Committing sexual harassment as defined by law or by District policies and procedures.
- Engaging in harassing or discriminatory behavior based on disability, gender, gender identity, gender expression, nationality, race or ethnicity, religion, sexual orientation, or any other status protected by law.
- Engaging in intimidating conduct or bullying against another student or member of the District community through words or actions, including direct physical contact; verbal assaults, such as teasing or name-calling; social isolation or manipulation; and cyberbullying.
- Willful misconduct which results in injury or death to a student or to college personnel.
- Disruptive behavior, willful disobedience, habitual profanity or vulgarity, or the open and persistent defiance of the authority of, or persistent abuse of, college personnel or members of the District community.
- Cheating, plagiarism (including plagiarism in a student publication), or engaging in other academic dishonesty.
- Dishonesty, forgery, alteration, or misuse of college documents, records, or identification; or knowingly furnishing false information to the District.
- Unauthorized entry upon or use of college facilities.
- Lewd, indecent, or obscene conduct on District-owned or controlled property or at District-sponsored or supervised functions.
- Engaging in expression which is obscene; libelous, or slanderous; or which so incites students as to create a clear and present danger of the commission of unlawful acts on college premises, or the violation of lawful District administrative procedures, or the substantial disruption of the orderly operation of the District.
- Persistent, serious misconduct where other means of correction have failed to bring about proper conduct.
- Unauthorized preparation, giving, selling, transfer, distribution, or publication, for any commercial purpose, of any contemporaneous recording of an academic presentation in a classroom or equivalent site of instruction, including but not limited to handwritten or typewritten class notes, except as permitted by any District policy or administrative procedure.

Students who engage in any of the above are subject to the procedures outlined in AP 5520 Student Discipline Procedures.

District community is defined as the entirety of the public that interacts with the District, its Colleges, and District operations. This includes students, employees, visitors, and contractors.

Also see AP 5500 Standards of Student Conduct and AP 5520 Student Discipline Procedures.

Adopted: June 17, 2014

Board Reviewed: February 15, 2022
(Replaces former CLPCCD Policy 5512)



CAMPUS SAFETY AND SECURITY

MISSION STATEMENT

The Department of Campus Safety and Security 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.

WHERE TO FIND US

Location: Building 200, Room 203

Office Hours: 6:00 am - 10:00 pm, Monday to Friday

If the office is closed, please contact the on-duty officer.

On-Duty Officer Contact

- **Office Phone:** 510.723.6923 (ext. 6923 from an office phone)
- **Duty Officer Phone:** 510.377.0173
- **Urgent response:** 510.723.6666 (ext. 6666 from an office phone)
- Activate one of the 26 **emergency call boxes**
- **For emergencies, dial 911 from any phone**

For incidents to report at the San Leandro Campus located at 1448 Williams St. San Leandro Ca. 94577 you can contact the San Leandro Police Department at (510) 577-3217, or contact the Chabot Campus Safety Department at (510) 723-6923.

HOURS OF OPERATION AND ACCESS TO COLLEGE FACILITIES

The college's normal hours of operation are printed on signs at every entrance to the campus. Normal hours of operation are 7 am to 10 pm Monday through Friday and 7 am to 5 pm on Saturday. There are typically special events that take place after the normal hours of operation. However, access is restricted to the special event(s). Individuals who need to be in campus buildings or areas outside the normal hours of operation may be required to obtain authorization from their supervisor and must notify the on-duty campus safety officer of their presence prior to entry. All students, faculty and staff have been issued ID cards, which they may be asked to produce if there is a question about their authorization to be in a specific area before, during, or after the normal hours of operation. Many college buildings, classrooms and labs are protected by intrusion alarms. Do not enter the area until an instructor or authorized person has deactivated the alarm. We are all responsible to ensure the safety and security of our college buildings and facilities. Ensure all doors and windows are locked when rooms are unattended. Turn off lights, gas, machinery, or equipment when not in use. Activate the intrusion alarm system if applicable. Report any problems with safety or security of our buildings, facilities, or areas promptly to the Campus Safety and Security Office.

LOST AND FOUND

A centralized Lost and Found is located in the Campus Safety Office in Room 203, Bldg. 200. Lost articles may be turned in or retrieved between the hours of 6 am and 10 pm, Monday through Friday. Articles deposited with the Lost and Found are held until the end of each semester. After this period, unclaimed items will be disposed.

WEAPONS ON CAMPUS

Chabot College prohibits the use or possession of any weapons as defined below. A student may be arrested, expelled, suspended, placed on probation or given a lesser sanction for good cause and in accordance with procedures consistent with due process for violations of the weapons policy.

The policy reads: "Knowing possession or use of explosives, dangerous chemicals or deadly weapons on college property or at a college function.....Deadly weapons includes any instrument or weapon of the kind commonly known as a blackjack, sling shot, Billy club, sand club, sandbag, metal knuckles, any dirk, dagger, switchblade knife, pistol, revolver, or any other firearm, any knife having a blade longer than five inches, any razor with an unguarded blade, any metal pipe or bar used or intended to be used as a club." The policy can be found under the Chabot-Las Positas Administrative Rules and Procedures Manual section 5512(A)(9).

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.

See something, say something

The Campus Safety and Security Department has placed posters throughout the entire college campus to highlight the "See Something, Say Something" campaign to raise public awareness, and to emphasize the importance of reporting suspicious activity to the authorities. Book marks have also been made and Campus Safety Officers have handed them out to students and staff during routine patrols and Prevention Presentation.

If you witness any suspicious behavior, we ask that you report it immediately to the Campus Safety Department at 510 723-6923. We also recommend that you program this number into your mobile phone for easy access in case of an emergency. Suspicious behavior or circumstances can include, but are certainly not limited to:

- Anyone forcibly entering a car
- Someone tampering with property
- Strangers loitering or entering rooms, offices, or labs with no apparent legitimate cause
- Someone carrying a weapon
- Strange vehicles parked in your area
- Any behavior that is out of character on a college campus
- Packages left unattended
- Suspicious or noxious odors

Zero Tolerance

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

Emergency Campus Telephones

These telephones can be found in all of our elevators and buildings. The telephones are mounted to the wall. Pick up the phone and follow the printed directions. Elevator phones will dial directly to the Campus Safety and Security Office while other phones require you dial the Campus Safety and Security extension (6923 or 6666). Please familiarize yourself with the locations of the emergency phones in the areas you travel on campus.

CAMPUS SAFETY AND SECURITY

EMERGENCY NOTIFICATION SYSTEM

The Chabot College Campus safety department, is committed to ensuring that our campus community receives timely, accurate, and useful information in the event of a significant emergency or dangerous situation on campus or in the local area that poses an immediate threat to the health and safety of campus community members. Chabot College uses the emergency notification system “Everbridge” which is an emergency notification service that proactively contacts students, staff and faculty at their district assigned e-mail. Everbridge can be used to send emergency messages within minutes of the occurrence of an incident. Messages are sent by multiple methods to contact information listed in the campus directory as well as confidential contact information registered by users. The system can send simultaneous messages to the college community by e-mail and SMS text. Campus community members can contact the Campus Safety department to update or change their contact information and are encouraged to list “SMS Text” as their primary contact method.

TIMELY WARNINGS

In an effort to provide timely notice to the campus community in the event of a Clery Act crime that may pose a serious or ongoing threat to members of the community, Chabot Campus Safety Department will issue out a “Timely Warning.” The Campus Safety department will generally issue these warnings for the following crimes: criminal homicide; sexual assaults; robbery; aggravated assault; arson; burglary; and hate crimes. Campus Safety will post these warnings through a variety of ways, including but not limited to e-mails, posters or bulletins, and class discussions. The purpose of these warnings is to notify the campus community of the incident and to provide information that may enable community members to protect themselves from similar incidents. Campus Safety will issue these warnings whenever the following criteria are met:

1. A crime is committed;
2. The perpetrator has not been apprehended; and
3. There is a substantial and on-going risk to the physical safety of other members of the campus community because of this crime.

Such crimes include, but are not limited to: Clery Act crimes that are reported to any campus security authority or the local police; or when the college determines that the incident represents an on-going threat to the campus community. Additionally, the Campus Safety department may, in some circumstances, issue warnings when there is a pattern of crimes against persons or property. The Campus Safety Director or designee will generally make the determination, in consultation with the President, if a warning is required. However, in emergency situations, any Campus Safety officer may authorize a Timely Warning. For incidents involving off campus crimes, the college may issue a Crime Advisory if the crime occurred in a location used and frequented by the college population. Timely Warnings are sent out to the campus community via email or through the Everbridge system. If you have an official Chabot email address, you are automatically enrolled in the crime alert notification system. These messages are a very effective way to important information to the campus community about safety and congestion in the campus areas.

ALCOHOL AND DRUG POLICY

Chabot Community College strives to maintain a drug-free and alcohol-free environment. A student may be arrested, suspended, expelled, placed on probation or given a lesser sanction for good cause and in accordance with procedures consistent with due process for violations of the drug and alcohol policy. The drug and alcohol policy reads: “On college property, the sale or knowing possession of dangerous drugs, restricted dangerous drugs, alcoholic beverages or narcotics as those terms are used in California statutes except when lawfully prescribed or permitted. District/college property includes real or personal property in the possession of, or under the control of the Board of Trustees of the Chabot-Las Positas District and all district facilities whether operated by the District or by a District auxiliary organization.” The policy can be found under the Chabot-Las Positas Administrative Rules and Procedures Manual section 5512(A) (8) and the Drug-Free Workplace provisions listed under section 2315.

CHABOT COLLEGE CRIME STATISTICS

In 1998, the federal government passed The Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, formerly The Student Right to Know Act of 1990. This law requires colleges and universities receiving federal funding to disclose the reported instances of criminal activity on their campuses. The following table is an accounting of mandatory crime statistics on campus. You may contact the Hayward Police Department for crime statistics on public property adjacent to the campus at: 510.293.7272.

CRIME	2018	2019	2020	2021	2022
Murder/Non Negligent Manslaughter	0	0	0	0	0
Negligent Manslaughter	0	0	0	0	0
Sex Offenses Forcible	0	1	0	0	1
Sex Offenses Non Forcible	0	0	0	0	0
Robbery	1	2	1	0	0
Aggravated Assault	0	0	0	0	2
Burglary	1	1	2	6	7
Motor Vehicle Theft	5	5	4	1	10
Arson	0	0	0	1	1
Illegal Weapons Possession	1	0	0	0	1
Drug Law Violations	4	3	0	0	1
Liquor Law Violations	1	0	2	1	2
Hate Crime	0	0	0	0	0
Domestic Violence	0	1	1	1	0
Dating Violence	0	0	0	0	0
Stalking	0	0	0	0	0

The Office of Campus Safety and Security prepares a report to comply with the Jeanne Clery Disclosure of Campus Security Policy and Crime Statistics Act. Crime statistics and the full text of this report may be found online at www.chabotcollege.edu/safety/asr.php. The report is prepared in cooperation with the local law enforcement agencies. Campus crime, arrest, and referral statistics include those reported to the Office of Campus Safety and Security, designated campus officials including, but not limited to, administrators, faculty, classified professionals, advisors to students and student organizations, athletic coaches, and local law enforcement agencies.

SEX OFFENDER REGISTRY

California law requires sex offenders who are employed, volunteer, are a resident of, or enrolled as a student at an institution of higher education, to register with their local Police Department. To search the database of registered sex offenders in California by name or geography, check the Megan’s Law website at www.meganslaw.ca.gov or information concerning registered sex offenders can be obtained from the Hayward Police Department.

You may obtain information on sexual offenders living in the area by contacting:

Hayward Police Department

300 W. Winton Avenue, Hayward, CA 94540

Phone: (510) 293-7023

Records are available for review:

Wednesdays from 9 a.m. – 11:30 a.m.; 1 p.m. – 4 p.m.

Appointment required

Alameda County Sheriff’s Office – Eden Township Substation

15001 Foothill Blvd., San Leandro, CA 94562

Phone: (510) 667-7721

Records are available for review:

Monday – Friday, 8:30 a.m. – 4:30 p.m.

No appointment necessary

NON-DISCRIMINATION POLICY

NON-DISCRIMINATION POLICY

Age: Chabot College complies with the Age Discrimination in Employment Act of 1974, which prohibits discrimination in employment on the basis of age.

Disabled: Chabot College does not discriminate on the basis of disability in the admission or access to, or treatment or employment in, its programs or activities. The designee to coordinate compliance with non-discrimination requirements in the American with Disabilities Act and Section 504:

Dr. Matthew Kritscher, *Vice President of Student Services*
mkritscher@chabotcollege.edu
25555 Hesperian Blvd., Bldg 200, Rm. 204, Hayward, CA 94545
510.723.6744

Race, color, or national origin: Chabot College complies with the requirements of Title VI of the Civil Rights Act of 1964 and the regulations adopted thereunder. No person shall, on the grounds of race, color, or national origin be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program of the college. Chabot College also complies with Title VII of the Act, which includes nondiscrimination on the basis of religion and sex. Limited language skills are not a barrier to occupational programs and services.

Sex or sexual orientation: Chabot College does not discriminate on the basis of sex, gender or sexual orientation in education programs or activities. Title IX of the Educational Amendments of 1972, as amended, and the administrative regulations adopted thereunder prohibit discrimination on the basis of sex in education programs and activities operated by the college. Such programs and activities include admission of students and employment.

Sexual harassment: Chabot College maintains an academic and work environment which protects the dignity and promotes the mutual respect of all employees and students. Sexual harassment of employees or students will not be tolerated. In general, deliberate verbal comments, gestures or physical contact of a sexual nature that are unsolicited and unwelcomed will be considered harassment (Title VII of the Civil Rights Act of 1964). Inquiries concerning the application of these policies to programs and activities of Chabot College may be referred to the following officers assigned the administrative responsibility of reviewing such matters:

Employee Concerns

Wyman Fong, *Vice Chancellor of Human Resources*
wfong@clpccd.org
7600 Dublin Blvd., 3rd Floor, Dublin, CA 94568
925.485.5261

Student Concerns Discrimination

Dr. Matthew Kritscher
Vice President of Student Services
mkritscher@chabotcollege.edu
25555 Hesperian Blvd.
Bldg 200, Rm 204, Hayward, CA
510.723.6744

Student Concerns Sexual Harassment

Dr. Matthew Kritscher
Vice President of Student Services
mkritscher@chabotcollege.edu
25555 Hesperian Blvd.
Bldg 200, Rm 204, Hayward, CA
510.723.6744

Inquiries may also be addressed to:

San Francisco Office of Civil Rights, US Dept. of Education
50 United Nations Plaza, Suite 7200
San Francisco, CA 94102
415.486.5555

DECLARACIÓN DE NO DISCRIMINACIÓN

Los Colegios Chabot y Las Positas, de acuerdo con las leyes civiles, declaran que no discriminan hacia ninguna persona a base de su raza, color, nacionalidad, ascendencia, religión, creencia, sexo, edad o incapacidad, en sus programas y políticas de empleo y educación. El conocimiento limitado del idioma no limita acceso a servicios y programas ocupacionales. Cualquier pregunta sobre la aplicación de esta declaración puede dirigirse a:

Asuntos de Empleo

Wyman Fong, *Vicerrector de Recursos Humanos*
wfong@clpccd.org
7600 Dublin Blvd., 3rd Floor, Dublin, CA 94568
925.485.5261

Asuntos de Estudiantes / Asuntos de Discriminación

Dr. Matthew Kritscher, *Vicepresidente de Servicios Estudiantiles*
mkritscher@chabotcollege.edu
25555 Hesperian Blvd., Bldg 200, Rm. 204, Hayward, CA
510.723.6744

Las investigaciones se pueden también tratar en:

San Francisco Office of Civil Rights, US Dept. of Education
50 United Nations Plaza, Suite 7200
San Francisco, CA 94102
415.486.5555



ABOUT FERPA

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights are:

1. The right to inspect and review the student's education records within 45 days of the day the College receives a request for access. Students should submit to the Director of Admissions and Records, a written request that identifies the record(s) they wish to inspect. The Director will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the Director of Admissions and Records, they shall advise the student of the correct official to whom the request should be addressed.
2. The right to request the amendment of the student's education records that the student believes is inaccurate or misleading. Students may ask the College to amend a record that they believe is inaccurate or misleading. They should write the Director of Admissions and Records or College official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
3. The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. One exception, which permits disclosure without consent, is disclosure to school officials with legitimate educational interests. Another exception is disclosure to public health officials with legitimate health and safety interests.

A school official is defined as a person employed by Chabot-Las Positas Community College District in an administrative, supervisory, academic, or support staff position (including law enforcement unit and health staff); a person or company with whom the College or District has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a person assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional duties and responsibilities.

Upon request, the College discloses education records without consent to officials of another school in which a student seeks or intends to enroll. While the college does not provide general student directory services, it may release the following information about a student without consent: name, major field of study, photos, and degrees and awards received. Any student who does not wish such information to be released about him/herself shall notify Admissions and Records Office in writing annually, no later than 10 school days after the start of the term. Request for directory information will be processed in accordance with Board Policy and Administrative Procedure 5040.

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 (www.ed.gov/policy/gen/guid/fpco/ferpa).

For more information regarding FERPA regulations, confidentiality, and privacy of student records, visit: www.chabotcollege.edu/admissions/ferpa.asp

CHABOT FERPA OFFICIALS

Student Records

Paulette Lino
Director, Admissions & Records
plino@chabotcollege.edu
510.723.2934

Student Discipline

Dr. Matthew Kritscher
Vice President, Student Services
mkritscher@chabotcollege.edu
510.723.6744



About GE at Chabot College

- When finalized, the Chabot College GE requirements may be found at:
www.chabotcollege.edu/counseling/transfer/ge-requirement-transfer-archive.php
- Students who have been awarded a bachelor's degree from a U.S. Department of Education institutionally-accredited institution will not need to complete any of the following GE requirements below to earn an AA or AS degree. This exception does not apply to Associate Degrees for Transfer, which requires completion of a transfer GE pattern (see a counselor for more information).
- The Wellness & American Institutions GE area requirements are different for AA majors vs. AS majors
- Students intending to transfer are advised to consult with a counselor on transfer limitations for some of the courses listed in the Chabot GE pattern.
- GE courses also required for major requirements may be used to satisfy both requirements. Units, however, are not doubled.



GE Requirements*

* Pending Faculty Senate approval

- **ENGLISH COMPOSITION** (Title 5, § 55063)
One course; 3 semester/4 quarter units. (Title 5, section 50063)
- **ORAL COMMUNICATION and CRITICAL THINKING** (Title 5, § 55063)
One course; 3 semester/4 quarter units
- **MATHEMATICAL CONCEPTS and QUANTITATIVE REASONING**
One course; 3 semester or 4 quarter units. (Title 5, § 55063)
- **ARTS and HUMANITIES**
One course; 3 semester/4 quarter units (Title 5, § 55063)
- **SOCIAL AND BEHAVIORAL SCIENCES**
One course; 3 semester/4 quarter units (Title 5, § 55063)
- **NATURAL SCIENCES**
One course; 3 semester/4 quarter
- **ETHNIC STUDIES**
One course; 3 semester or 4 quarter units (Title 5, section 55063).
Courses applied in this area must be approved for CSU GE Area F or IGETC Area 7.



GE Requirements Unique to Either AA or AS Degree Majors

- **WELLNESS**
For AS degree majors: Complete 1 semester/1 quarter unit from either Areas of Health or PE Activity.
For AA degree majors: Complete 3 semester/4 quarter units from Areas of Health and 1 semester/1 quarter unit PE activity.
NOTE: For the AS in Nursing, the Wellness GE is not required. For the AS in Dental Hygiene, Nutrition 1 is required and will completely satisfy the Wellness requirement.
NOTE: Students with official transcripts on file indicating an AA/AS degree (or higher) are automatically exempt from the PE Activity. For an exemption due to a verified illness/physical disability, students may complete a [Request for Waiver of a Program Requirement](#) from the Counseling Division.
- **AMERICAN INSTITUTIONS** (For **AA degree** majors only)
One course; 3 semester/4 quarter units
Courses may not be applied to the Social and Behavioral Sciences area

GE Requirement Archive

- Get the most up-to-date GE requirements and an archive of past requirements at:
www.chabotcollege.edu/counseling/transfer/ge-requirement-transfer-archive.php

Frequently Asked Questions

My goal is an Associate Degree for Transfer (AA-T/AS-T). Is this the right GE pattern?

NO. Associate Degrees for Transfer must complete one of the following general education patterns:

- California State University General Education Breadth Requirements (CSU GE Breadth) OR
- Intersegmental General Education Transfer Curriculum for CSU (IGETC)

Can I use either the CSU GE Breadth or IGETC patterns towards an AA or AS degree?

Yes, students may opt to use the transfer GE patterns towards any Chabot Associates Degree in lieu of the GE on this flyer.

How will my courses from another college apply toward a degree at Chabot College?

Contact the admissions office or registrar at each college attended and request official transcripts be sent to Chabot College Admissions and Records. Students who have completed Chabot courses may request an Incoming Transcript Evaluation by petition. Chabot Counselors also do unofficial transcript evaluations by appointment for all educational goals and majors.

What Associate Degrees does Chabot College offer?

The next four pages provide a full list of all degrees and certificates offered at Chabot College. The most up-to-date version can be found online at www.chabotcollege.edu/academics/programs.php

How do I apply for graduation or participate in the commencement ceremony?

If you attended other colleges, all official transcripts must be on file at Chabot College Admissions and Records. Submit a Request for Degree or Certificate form by the fifth week of the fall or spring semester (summer term deadlines vary). Commencement is held in late May.

To earn a Chabot College Associate Degree, complete all of the following:

1. General Education Courses

Complete the general education courses for either AS or AA majors. See the FAQs above for additional options.

2. Major Courses

Located in the Chabot College Catalog

3. Grade Requirements

- All courses in the major or area of emphasis require a minimum grade of "C."

4. Units

60 semester degree-applicable units

- Units in Residence: Minimum of 12 semester units completed at either Chabot or Las Positas College.

5. Grade Point Average (GPA)

A minimum cumulative 2.0 (or "C") average in either:

1. All degree applicable courses, or
2. Those courses necessary to fulfill all degree requirements.



For the AA & AS GE patterns: Every effort has been made to publish accurate information. However, course requirements are subject to change each academic year. For the most up-to-date Chabot College general education course patterns, go to: www.chabotcollege.edu/counseling/graduation.php.
For CSU GE and IGETC patterns: Go to www.assist.org or www.chabotcollege.edu/counseling/transfer/transfer-planning.php#transfertool

DEGREES AND CERTIFICATES

Abbreviations

AS Associate in Science
AA Associate in Arts

AA-T Associate in Arts for Transfer
AS-T Associate in Science for Transfer

CA Certificate of Achievement
CP Certificate of Proficiency

NL Certificate of Completion
NY Certificate of Competency

Programs	Associate Degree	Transfer Degree	Certificate	Noncredit
Accounting	AS			
Accounting Technician			CA	
Acting: Advanced			CA	
Acting: Fundamentals			CA	
Administration of Justice	AA	AS-T		
Administrative Assistant	AS		CA	
Advanced Manufacturing Technology	AS		CA	
Africana and African American Studies			CA	
Animation			CA	
Anthropology	AA	AA-T		
Applied Ceramics			CA	
Architecture	AA			
Architecture Technology			CA	
Art History	AA	AA-T		
ASE Test Preparation				NL
ASE Under Car Test Preparation				NL
Asian American Studies			CA	
Audio Recording			CA	
Automotive Chassis Technology			CA	NL
Automotive Electrical and Body Electronics Technology			CA	NL
Automotive Engine Performance			CA	NL
Automotive Maintenance Technology			CA	
Automotive Powertrain Technology			CA	NL
Automotive Service Consulting			CA	
Automotive Technology	AS		CA	NL
Basic Employability Preparation			CP	
Behavioral Health			CA	
Behavioral Science	AA			
Biological Sciences: Emphasis Health Science	AS			
Biological Sciences: Health Science Fundamentals			CA	
Biology	AS	AS-T		
Black & White Darkroom Photography			CA	
Bookkeeping			CA	
Business	AS			
Business Administration			CA	
Business Administration 2.0		AS-T		
Careers in Education				NL
Chemistry	AS			
Chicanx and Latinx Studies			CA	
Chinese			CA	
Communication Studies		AA-T		
Community and Organizational Leadership in the Justice System			CA	
Community Health Worker			CA	
Computational Design			CA	
Computer Numerical Control Programmer			CA	
Computer Science	AS			
CPA Exam Preparation: Auditing and Attestation			CP	
CPA Exam Preparation: Business Environment and Concepts			CP	
CPA Exam Preparation: Financial Accounting and Reporting			CP	
CPA Exam Preparation: Regulation			CP	

Certificates of Proficiency are not posted on the student's transcript per Title 5§55070(b).

DEGREES AND CERTIFICATES

Abbreviations

AS Associate in Science
AA Associate in Arts

AA-T Associate in Arts for Transfer
AS-T Associate in Science for Transfer

CA Certificate of Achievement
CP Certificate of Proficiency

NL Certificate of Completion
NY Certificate of Competency

Programs	Associate Degree	Transfer Degree	Certificate	Noncredit
Creative Writing			CP	
CSU GE Breadth			CA	
Dental Hygiene	AS			
Dental Radiation Safety			CA	
Digital Imaging			CA	
Digital Media Arts			CA	
Early Childhood Administration			CA	
Early Childhood Curriculum Specialist/Transitional Kindergarten			CA	
Early Childhood Development	AA			
Early Childhood Development (Associate Teacher)			CA	
Early Childhood Development (Basic Teacher)			CA	
Early Childhood Education		AS-T		
Early Childhood Intervention	AA			
Early Childhood Intervention Assistant			CA	
Economics		AA-T		
Educational Aide			CA	
Electrical Construction			CA	
Electrician, Inside Wireman Technology	AS		CA	
Electronic Systems Technology	AS			
Elementary Teacher Education		AA-T		
Engineering	AS			
English		AA-T		
English (Emphasis in Creative Writing)	AA			
English (Emphasis in Literature)	AA			
Enrolled Agent (EA) Exam Preparation			CP	
Entrepreneurship	AS			
Environmental Science	AS			
Environmental Studies	AA			
ESYS: Consumer Technology			CA	
ESYS: Industrial Electronic Technology			CA	
Ethnic Studies	AA			
Family Child Care Entrepreneurship			CA	
Film and Animation	AA			
Film, Television and Electronic Media		AS-T		
Filmmaking			CA	
Fine Art Ceramics	AA			
Fine Art Painting and Drawing	AA			
Fine Art Photography	AA			
Fine Art Sculpture	AA			
Fine Art Studio Foundations	AA			
Fire Fighter Academy			CA	
Fire Prevention Inspector	AS		CA	
Fire Technology	AS		CA	
French	AA		CA	
Geographic Information Systems			CP	
Geography	AA	AA-T		
Graphic Design	AA		CA	
Harmony & Musicianship			CA	
Health Care Administrator			CA	
Health Information Coding			CA	

Certificates of Proficiency are not posted on the student's transcript per Title 5§55070(b).

DEGREES AND CERTIFICATES

Abbreviations

AS Associate in Science
AA Associate in Arts

AA-T Associate in Arts for Transfer
AS-T Associate in Science for Transfer

CA Certificate of Achievement
CP Certificate of Proficiency

NL Certificate of Completion
NY Certificate of Competency

Programs	Associate Degree	Transfer Degree	Certificate	Noncredit
History		AA-T		
Human Resources Assistant			CA	
Human Services	AS			
Humanities	AA			
Hybrid and Alternative Fuel Vehicles			CA	NL
Industrial Electronic Technology				NL
Industrial Technology	AS			
Infant/Toddler Specialist			CA	
Information Technology	AS		CA	
Inspection and Pipe Welding			CP	
Interior Design	AS			
Interior Design (Residential)			CA	
Intermediate ESL				NY
Intermediate ESL Oral Communication				NY
Intermediate ESL Reading and Writing				NY
International Entrepreneur - Chinese			CA	
International Entrepreneur - French			CA	
International Entrepreneur - Japanese			CA	
International Entrepreneur - Spanish			CA	
International Studies	AA			
Interpersonal Communication			CA	
Intersegmental General Education Transfer Curriculum (IGETC)			CA	
Introduction to Infant/Toddler Care				NL
Japanese			CA	
Jazz Studies			CA	
Journalism		AA-T		
Kinesiology		AA-T		
Kitchen and Bath Design			CA	
Law Enforcement			CA	
Liberal Arts	AA			
Liberal Arts and Sciences: Science, Math and Technology	AS			
Low-Intermediate ESL				NY
LVN-RN	AS			
Machine Tool Technology	AS			
Machinist			CA	
Management			CA	
Marketing			CA	
Mass Communications	AA			
Mathematics	AS	AS-T		
Medical Assisting	AS		CA	
Music		AA-T		
Music Production			CA	
Music Technology & Production	AA			
Non-Credit Preparation for English Composition				NY
Numerical Control	AS			
Nursing	AS			
Nutrition and Dietetics		AS-T		
Paralegal Studies			CA	
Pathway to Sports Injury Care			CA	
Persuasive and Rhetorical Communication			CA	

Certificates of Proficiency are not posted on the student's transcript per Title 5§55070(b).

DEGREES AND CERTIFICATES

Abbreviations

AS Associate in Science
AA Associate in Arts

AA-T Associate in Arts for Transfer
AS-T Associate in Science for Transfer

CA Certificate of Achievement
CP Certificate of Proficiency

NL Certificate of Completion
NY Certificate of Competency

Programs	Associate Degree	Transfer Degree	Certificate	Noncredit
Philosophy	AA	AA-T		
Photography	AA		CA	
Physics		AS-T		
Plumbing Technology			CA	
Political Science		AA-T		
Prealgebra				NY
Precision Manufacturing	AS		CA	
Preparation for Academic ESL				NY
Preparation for BSTEM Math				NY
Preparation for Statistics and Liberal Arts Math				NY
Project Management			CP	
Psychology		AA-T		
Public Health Science		AS-T		
Public Speaking and Forensics			CA	
Radio and Television Broadcasting	AA			
Real Estate	AA			
Real Estate Agent			CP	
Real Estate Broker			CA	
Real Estate Entrepreneur			CP	
Retail Management			CA	
Retailing			CP	
Small Business Management			CA	
Social Justice: African American Studies		AA-T		
Social Justice: Asian American Studies		AA-T		
Social Justice: Chicano Studies		AA-T		
Social Justice: Ethnic Studies		AA-T		
Social Science	AA			
Social Work And Human Services		AA-T		
Sociology		AA-T		
Software Specialist	AS		CA	
Spanish	AA	AA-T	CA	
Sprinkler Fitter Technology	AS		CA	
Student Support Leadership (Emphasis in Tutoring)			CA	
Studio Arts		AA-T		
Tax Preparer			CA	
Technical Design Drafting			CA	
Technical Theater			CA	
Technology-Based Automotive Systems			CA	NL
Theater Arts	AA			
Theatre Arts		AA-T		
Tool Maker			CA	
Welding			CP	
Welding Technology	AS			
Women's Studies			CA	

Certificates of Proficiency are not posted on the student's transcript per Title 5§55070(b).



Associate Degree for Transfer

A Degree with a Guarantee.SM

Find your path at Chabot College!

What is an Associate Degree for Transfer (ADT)?

A partnership between the California Community Colleges and the California State University (CSU) to offer associate degrees (AA-Ts and AS-Ts) that are aligned with similar majors at CSU campuses to create clearer course pathways to transfer.

What are the advantages of earning an Associate Degree for Transfer?

- **Guaranteed** admission to one of the 23 CSU campuses.
- For CSU-aligned majors, priority consideration for transfer admission to some competitive or impacted majors and/or campuses in the CSU system.
- Complete a CSU bachelors degree in an aligned major with no more than 60 additional units.

Where do I get more information about the Associate Degree for Transfer?

Visit the Career and Transfer Center at room 761, 2nd floor, building 700 or online at

www.chabotcollege.edu/transfer

Chabot College offers 32 ADTs

- Administration of Justice
- Anthropology
- Art History
- Biology
- Business Administration 2.0
- Communication Studies
- Early Childhood Education
- Economics
- Elementary Teacher Education
- English
- Film, Television, and Electronic Media
- Geography
- History
- Journalism
- Kinesiology
- Mathematics
- Music
- Nutrition and Dietetics
- Philosophy
- Physics
- Political Science
- Psychology
- Public Health Science
- Social Justice: African American Studies
- Social Justice: Asian American Studies
- Social Justice: Chicano Studies
- Social Justice Studies: Ethnic Studies
- Social Work and Human Services
- Sociology
- Spanish
- Studio Arts
- Theatre Arts

FALL 2024 • FINAL EXAM SCHEDULE

ALL SECTIONS: Grades to be filed no later than 11:00 p.m. Thursday, January 2, 2025

The start time and meeting days determine placement of the class in Group I or II. In determining the examination time for lecture-laboratory and lecture-discussion courses, the lecture period determines the time. If the instructors involved desire to give final laboratory or discussion section examinations, the examination should be given during the last such class meeting of the semester, or the two hour examination period may be prorated between lecture and laboratory or discussion section finals. Lecture examinations must be given at the time indicated in the schedule, and for a two hour period.

No changes or early class finals are permitted in the final examination schedule without approval. Students should contact the Vice President of Academic Services on problems involving the class schedule for final examinations.

NOTE: This Final Exam Schedule is for **full-term classes only**. Students taking short-term classes will be given their final exams on the last day of class. Consult with your faculty member for details.

DAY CLASSES

Day Classes (classes meeting before 4:30 pm) include the following combinations in the class schedule:

GROUP I: MW classes; also MTWTh, MWF, MTWF, MWThF, MTThF, MT, MTh, MF, WF, M only, W only, & Daily classes

GROUP II: TTh classes; also TThF, TW, TWTh, TF, ThF, WTh, MTTh, TWThF, and T only classes

GROUP III: Classes scheduled “by arrangement” and Th only and F only classes

Note: Bold groups with an asterisk (for example: **GROUP I ***) indicate final exam times for classes fitting the primary scheduling blocks (for classes with start times before 4:00 p.m.).

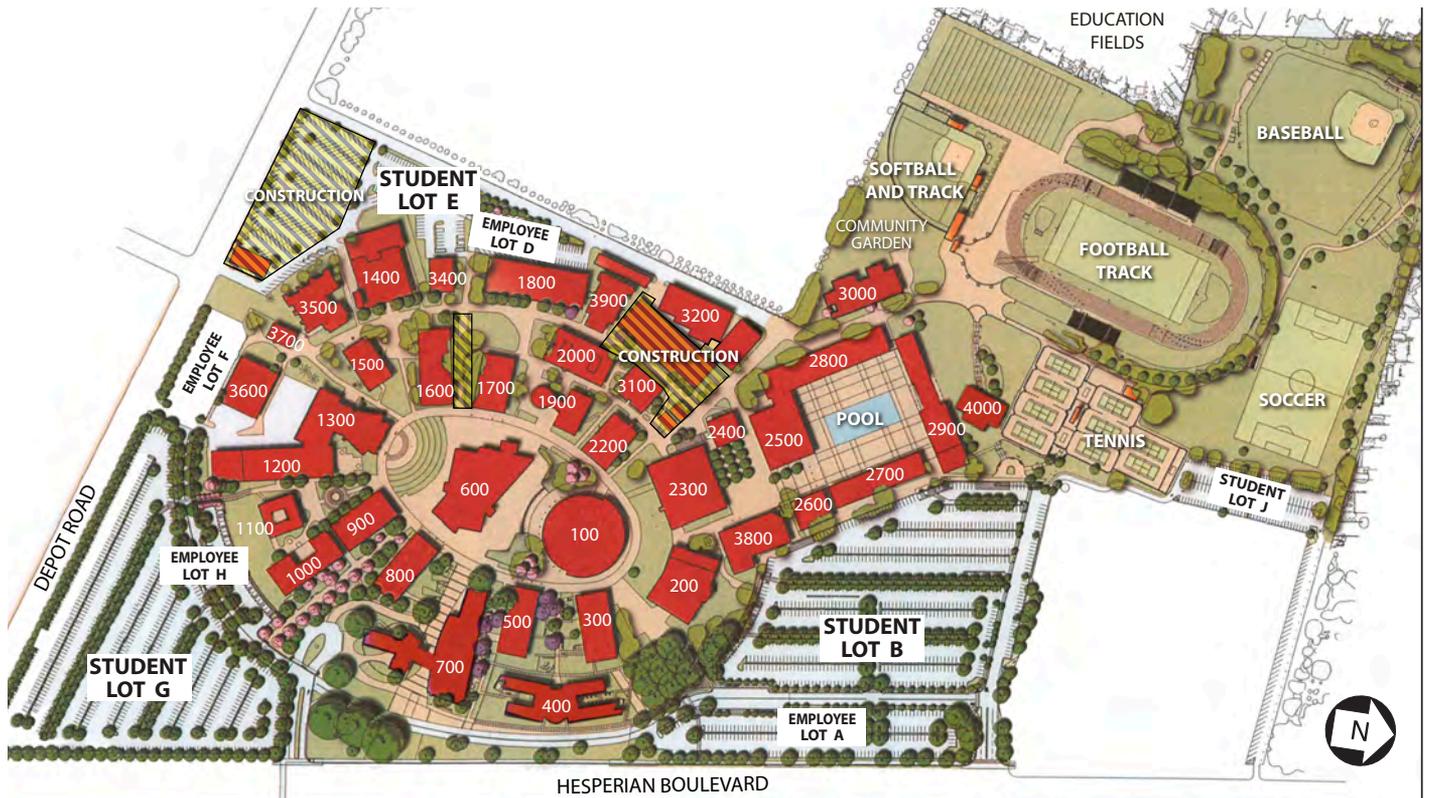
EXAMINATION TIME	MONDAY DECEMBER 16	TUESDAY DECEMBER 17	WEDNESDAY DECEMBER 18	THURSDAY DECEMBER 19	FRIDAY DECEMBER 20
7:30-9:20 am	GROUP I * 7:00, 7:30, 7:45, 7:50 am classes			GROUP II * 7:30, 7:45 am classes	Group III 7:30, 7:45 am classes
8:00-9:50 am		GROUP II * 9:00, 9:30, 9:45 am classes	Group I 8:00, 8:30 am classes	Group II 8:00, 8:30 am classes	Group III 8:00, 9:00 am classes
10:00-11:50 am	GROUP I * 10:00, 10:30, 10:40 am classes	Group I 11:00, 11:30 am classes	GROUP I * 9:00, 9:30, 9:45 am classes	GROUP II * 10:00, 10:30 am classes	Group III 9:45, 10:00, 10:45, 11:00 am classes
12:00-1:50 pm	GROUP I * 1:00, 1:15, 1:30, 1:45 pm classes	GROUP II * 1:00, 1:15, 1:30 pm classes	GROUP I * 12:00, 12:30, 12:45 pm classes	Group II 11:00, 11:30 am, 12:00 pm classes	Group III 11:30 am, 12:00, 1:00 pm classes
2:00-3:50 pm	Group I 2:00, 2:30 pm classes	Group II 2:00, 2:30 pm classes	Group I 3:00, 3:30 pm classes	Group II 3:00, 3:30 pm classes	Group III 2:00, 3:00, 4:00 pm classes

LATE AFTERNOON, EVENING, AND SATURDAY CLASSES

Note: These sections meet at the REGULAR MEETING ROOMS AND TIMES. Final examinations should be scheduled for TWO HOURS.

SCHEDULED CLASS MEETING DAYS	SATURDAY DECEMBER 14	MONDAY DECEMBER 16	TUESDAY DECEMBER 17	WEDNESDAY DECEMBER 18	THURSDAY DECEMBER 19
Saturday only classes	Final Exam Day				
Monday only classes		Final Exam Day			
Tuesday only and Tuesday/Thursday classes			Final Exam Day		
Monday/Wednesday and Wednesday only classes				Final Exam Day	
Thursday only classes					Final Exam Day

CHABOT COLLEGE CAMPUS MAP



		HESPERIAN BOULEVARD			
* Two-Story Buildings					
200	Academic, Administrative, and Student Services Administration; Campus Safety and Security; Mail Room; Reprographics Center; Switchboard	700 *	Community and Student Services Center: Admissions and Records; Assessment; Counseling; Dream Center; Financial Aid; International Students Office; Special Programs; Welcome Center	1600 *	Classrooms; Machine Tech and Engineering Labs
300 *	Classrooms; Learning Skills; Information Technology Services	700 South	El Centro; Community Events Center	1700 *	Classrooms
400 *	Applied Technology and Business, Language Arts, and Social Sciences Division and Faculty Offices; Office of the President	800 *	Classrooms; Communication Studies Lab; Forensics	1800 *	Classrooms; Computer Science and Physics Labs
500 *	Classrooms	900	Art Studios and Labs	1900	Planetarium; Lecture Halls
600 *	Library; Learning Connection; Media Center (LLM)	1000	Classrooms; Architecture and Arts Studios and Labs; Art Gallery	2000	Science and Mathematics Division and Faculty Offices
		1100	Arts and Humanities Division and Faculty Offices	2200 *	Health, Kinesiology, and Athletics Division and Faculty Offices; Classrooms; Dental Hygiene Clinic
		1200	Stage One; Recital Hall	2300 *	Cafeteria; Spectator Student Newspaper; Student Center; Student Health Center; Student Life Office; Veteran's Resource Center
		1300 *	Performing Arts Center	2400	Accessibility Center for Education (ACE)
		1400	Applied Technology Center	2500	Main Gymnasium
		1500	Classrooms; Applied Technology Faculty Offices	2600	Athletics, P.E., and Kinesiology Faculty Offices and Classrooms
				2700	Women's Locker and Athletic Team Rooms
				2800	Men's Locker and Athletic Team Rooms
				2900	Physical Education Activity Classrooms; Athletic Training
				3000 *	Maintenance and Operations (M&O) Building; Shipping and Receiving/Warehouse
				3100	Nursing, Medical Assisting, and EMS Classrooms
				3200	Biology Labs
				3400	Automotive Technology Training Facility
				3500	Early Childhood Development (ECD) Laboratory School
				3700	ECD Auxiliary
				3800	Gladiator Resource Hub
				3900 *	Classrooms, Chemistry Labs, STEM Center
				4000 *	Strength Center/Fitness Center

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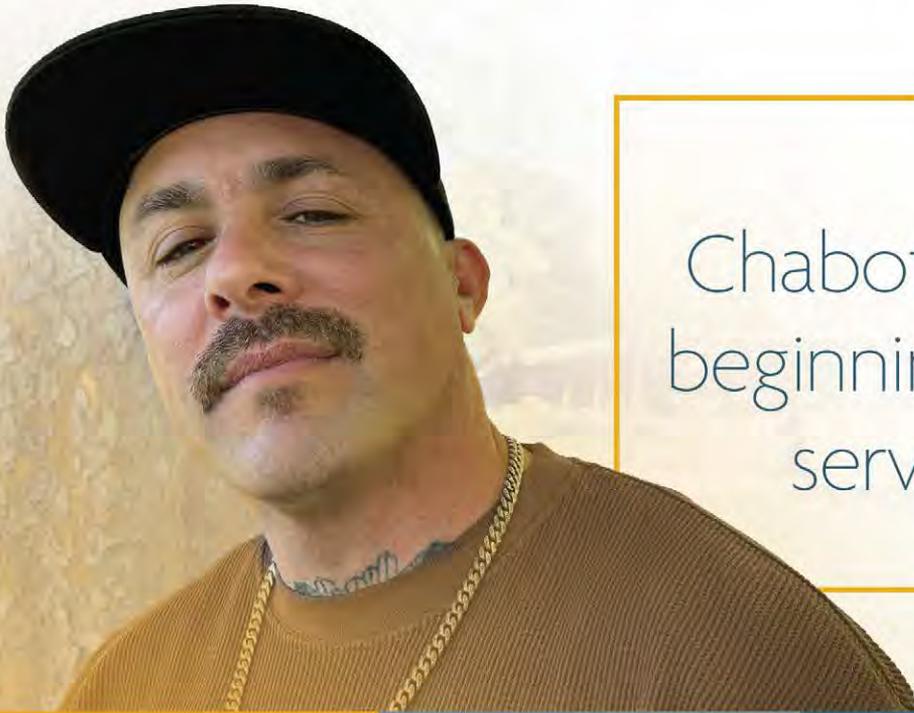
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CHABOT COLLEGE

Helping Students Succeed



“

Chabot was really the beginning of my public service journey.

ALUMNI SPOTLIGHT DANNY MUÑOZ

Meet Chabot College alumnus, Danny Muñoz, who is currently a master's degree candidate at the Goldman School of Public Policy at the University of California, Berkeley.

During his time at Chabot, Muñoz was an active member of the Communications Lab staff, where he was recruited to be a tutor. In this role, he helped students with their public speaking and presentation skills. He also found a home with the Restorative Integrated Self-Education (RISE) program as a student worker. RISE provides support to formerly incarcerated and system-impacted students. During his time with RISE, he created awareness about the program and helped ease the transition into college through outreach, intake and onboarding efforts. It was through these Chabot College experiences, and others like them, that Muñoz gained a true sense of community.

“It kind of gave me a sense of belonging,” shared Muñoz. “My peers and Chabot staff made me feel welcome.”

With this support and Muñoz's academic and personal drive, he graduated with a 4.0 and multiple degrees, and served as the keynote speaker at his graduation at Chabot. He attributes his time at Chabot with propelling him forward.

“Without Chabot, I don't think I'd be where I'm at today,” said Muñoz. “Chabot was really the beginning of my public service journey.”

After graduation, Muñoz plans to enter a career that allows him to develop sound public policies that create opportunities and success pathways for children, especially those who are system-impacted.



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TO WATCH
DANNY'S
STORY

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**Communications
Studies**

bit.ly/ChabotCommStudies

RISE Program

bit.ly/ChabotRISEProgram

Transfer Center

bit.ly/ChabotTransferCenter

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As a high school student, enroll in Chabot College classes to fulfill a high school course requirement or take college courses now through our concurrent enrollment program.

Concurrent Enrollment

Available to high school students in 9th, 10th, 11th, or 12th grades.

For More Information

www.chabotcollege.edu/admissions/concurrent



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FREE COLLEGE TUITION

For First-Time, Full-Time Students

Students attending Chabot College as their first institution of higher education, and enrolled full-time (12 units or more) will be guaranteed no enrollment fees for the first two years (Fall 2024 - Spring 2026).

For More Information

www.chabotcollege.edu/finaid/free-tuition



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