

Course Promotional Videos

Below is a list of courses that include videos so that students can get a better understanding of various classes! Please note that not all classes/subjects are featured. As you consider which classes you may want to choose for next year-take a little time to check and see if you're interested in any of the courses listed below and then watch the video. All of the videos are short so look at as many as you want!

Some classes are choosing to hold informational meetings. Here is the list of meetings thus far. Unless otherwise noted, the meetings will be held via Zoom. Please contact the teacher for the link.

Class	Teacher	Meeting Date	Meeting Time
AP Physics 2	Galloway	1/26	4:15 - 4:45 pm
APES and physiology	Griffith	1/25	4:15-4:45 pm
AP Statistics	Catipovic	1/24	3:40-4:00 in person
		1/27	12:40-1:00 in person
3AP English Language & Composition	Noble/ Ashkenes	1/26	3:15-3:45
APUSH, APGoPo		1/26	3:45-4:15
World Languages	Kennedy	1/26	6:30 - 7:30 PM

Course Title: Sports Medicine I and II

Teacher: Zhang
(azhang@alamedaunified.org)

Course Description: Interested in exploring a career in the vast field of medicine? You can get started by signing up for this CTE pathway. **Sports Med I** concentrates on learning basic anatomy and mastering the proper treatment and rehabilitation for common sports injuries. **Sports Med II** concentrates on emergency medicine, how health workers respond to emergencies, and the use of different techniques and tools to address life-threatening situations. Sports Med II also includes opportunities to participate in the FACES medical internship program at Alameda Hospital, ride alongs with the Alameda Fire Department, and CPR certification. Sports Med I fulfills your UC "G" elective.

Sports Medicine I is open for 10th and 11th graders. Sports medicine II/EMR is open for 11th and 12th graders (Sports Medicine I is a prerequisite).

Video About Course:

<https://youtu.be/UyXNu1O6J-M>

Course Title: AP Environmental Science

Teacher: Dr. Griffith:
ccgriffith@alamedaunified.org

Course Description: Learn the science behind saving the earth! Environmental science is the study of how humans affect and are affected by their environment. You will study units including: The Human Population, Biodiversity, Energy Production, Pollution, Food, Waste, and Global Climate Issues. Learning takes place through inquiry-based labs using data generated in class to answer real scientific questions. You are expected to collaborate, ranging from formal groupings to informal discussions. This class will challenge your skills and prepare you for college-level studies.

Video About Course: [AP Environmental Science Video](#)

Course Title: Physiology

Teachers: Dr. Griffith and Mr. Wilson

Course Description: Learn about the parts of your body, how they work, and what can go wrong. Do a lot of hands-on activities, including six dissections of animal organs (such as eye, heart, brain, muscles). See videos of surgeries and other fairly gross but interesting things. There are a variety of activities, such as colorings, making models, and playing review games. This class is especially good for students who may be interested in studying medicine or health. Physiology is not an AP or honors class.

Video About Course: [Physiology Information video](#)

Course Title: Biotechnology 1 and 2

Teacher: Hoefft

Course Description: Are you interested in learning about how we can use biology to engineer genes, manufacture drugs, solve crimes, fight climate change, and much more? Fulfill your **physical science** credit while learning skills needed to work in the rapidly expanding fields of biotechnology and biomanufacturing. In **Biotech 1**, students practice introductory lab techniques needed to work in the industry. Students engage in hands-on labs, such as solving a mystery using DNA fingerprinting, creating a plan to test and remediate polluted water, and altering the genes of bacteria to make them glow! Lots of students decide to take **Biotech 2** which gives you the opportunity to earn up to 5 units of college credit from Laney College. Biotech 2 covers advanced biotechnology topics, such as growing human tissue cultures, gene editing, and protein purification and analysis. Students will get exposure to the industry with frequent guest speakers, field trips to biotech companies, and internship opportunities in the summer. Biotech 1 fulfills your “D” science UC high school graduation requirements. **Biology is a prerequisite.** Enrollment open to Sophomores and Juniors.

Video about Course: <https://youtu.be/kaQoqtfA3PE>

Course Title: AP Statistics

Teacher: Catipovic

Course Description: Take an applied math class that examines what data tells us about the world. How do we analyse the strength of the claims of scientific research or informal studies? How do we collect data, analyze what trends and patterns it shows and build knowledge? This class relies much less on math skills from previous classes and is new to everyone. Prerequisite class is Algebra 2. Two thirds of college majors require this class! All students who are wanting to challenge themselves are welcome! Be prepared to keep up with regular work and regular study sessions. There is a summer assignment.

Video About Course: <https://www.youtube.com/watch?v=CjszZeQwUMQ> (student video 1) https://youtu.be/2O4RyXwY_TE (student video 2)

Course Title: Creative Writing

Teacher: Piazza

Course Description: Are you a writer or poet interested in exploring and enhancing your craft? In this class, we study elements of poetry and fiction and experiment with multiple genres and styles throughout the year -- from short stories to screenplays to songs, sonnets, sestinas and more.

[CW 21-22 flier](#)

Video About Course: [Creative Writing Elective Video 21-22](#)

Course Title: Physics

Teacher: Galloway

Course Description: Learn about why the universe works the way it does. In this physical science class, students will learn about motion and forces, conservation of energy and momentum, thermodynamics and geophysics, sound and light, electricity and magnetism, and astronomy. We do two engineering projects (egg drop and solar oven) a year as well as lots of labs. This class is open to 10th - 12th.

Video About Course: <https://youtu.be/mOEUaXfzjZA>

Course Title: AP Physics 2

Teacher: Galloway

Course Description: Interested in being an engineer? AP Physics 2 is an algebra-based, introductory college level physics course that explores physics topics such as fluids, thermodynamics, electricity, circuits, magnetism, optics and light, and quantum, atomic, and nuclear physics. Students will do labs regularly that demonstrate the application to what they are learning about. This is considered a 2nd year physics class, it is encouraged that you have already taken physics or AP Physics 1. Prerequisite class is Algebra 2.

Zoom Meeting will be held in lieu of a video for 2022-23

Course Title: Chemistry AP	Teacher: Power
<p>Course Description:AP Chemistry is a course that is equivalent to introductory College level general Chemistry class. It is intended to prepare students who are interested in STEM related careers. This course is centered around six Big Ideas – Structure of Matter, Bonding and Intermolecular Forces, Chemical Reactions, Kinetics, Thermodynamics and Chemical Equilibrium. Students will perform laboratory activities that will expose them to modern laboratory techniques, experimental design, and data analysis – as they relate to solving real life problems.</p>	
<p>Video About Course: https://youtu.be/rZ8f9_3A6_I</p>	

Course Title: Chemistry P	Teacher: Power
<p>Course Description:CHEMISTRY (P) (UC/CSU “D” requirement) 10th - 12th Grades Physical Science Prerequisite: A demonstrated proficiency in Algebra 1 standards. Chemistry is a college preparatory course that is all about matter, the stuff that makes up you, your friends, your phone, and the universe around you! In chemistry, you will be able to answer the big questions about matter: What is matter made of? What holds matter together? Why is the Periodic Table a big deal? Why do some substances violently explode when mixed, while others substances don’t react at all? Some of the other things you will learn are how to turn substances into gold, judge if your drinking water is safe, explain why humans explode in space, to be very afraid about climate change, and know the chemistry concepts you need to know to be an informed voter. The course is focused around student learning through collaborative discovery and laboratory learning.</p>	
<p>Video: https://youtu.be/htzSEjCM-hw</p>	

Course Title: Journalism	Teacher: Gregor
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Course Description: Learn about and practice the reporting process, from interviewing to writing, revising, and publishing stories.
Video About Course: https://youtu.be/oBgnTDTHWdA

Course Title: Film As Literature	Teacher: Ashkenes & Holmes
Course Description: <p>In this class students will learn to distinguish between a good movie and a <i>good movie</i>. I believe that developing a deeper understanding of cinema leads to greater enjoyment. We will learn to examine filmmaking techniques in order to gain a greater appreciation of film itself. This class is not about <i>making</i> movies but about understanding them.</p> <p>Movies are a construction of the world in a way that filmmakers want the world to be. Movies are not a direct recreation of the world. By effectively using filmmaking techniques and narrative the creators of a movie can provide its viewers with another way to see the world, another way to <i>experience life</i>. They can ask questions about our world that we may never have considered. By learning to appreciate the artistry of movies you will learn to not only <i>enjoy movies more</i>, but you may find that they can <i>change the way you live</i>.</p>	
Video About Course: https://youtu.be/GWdz5Kb2yXk	

Course Title: Multimedia Art	Teacher: Szeto
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Course Description: Want to acquire proficiency in graphics programs used by industry professionals? Then this CTE pathway is for you! In **Multimedia Art**, you will deepen your understanding of art and design principles while you gain proficiency in using Adobe Photoshop and Adobe Illustrator. Learn to develop your critical eye and your creativity skills through this project-based course that covers graphic design, digital photography, and basic animation. Once you are hooked, you are encouraged to take **Advanced Multimedia Art** to be able to go deeper exploring careers in design while completing logo projects for clients in the community and designing 3D projects using a laser cutter. Learn to pitch a design project as part of a creative team and complete a personal design project for your portfolio. Earn UC “F” credit while you try out a career next year by signing up for Multimedia Art! *Students who complete both pathway courses have the option to enroll in the **Advanced Projects** elective.*

Video About Course: Submitted by 2020 AHS graduate Kyle Wonzen
<https://youtu.be/HM3ciCK0zdw>

Course Title: *Computer Science
 CS Discoveries CTE 1; CS Principles CTE 2*

Teacher: *Read*

Course Description: Interested in learning how to build your own website, computer game, or understanding how algorithms make Amazon so profitable? Then the Computer Science CTE pathway is your ticket. Like companies operating in the professional world, in CS Discoveries CTE 1, you will work in teams to learn the programming basics while making games and websites to build your foundational knowledge along with the professional skills necessary to succeed in college and career. After completing the first-level course, punch another ticket to your CS career taking CS Principles CTE 2 where you will learn the essential components of computer science and more complex programming while building your own mobile app. Speakers from the IT industry will help you know if this career is for you. Fulfill an additional UC “D” (Physical Science) elective while you try out a CS career next year! Note: Students have the option to enroll in CS Principles for AP credit. Students who choose to enroll in the AP section will be required to participate in AP test preparation.

Videos about the course:

CS Discoveries: <https://www.youtube.com/watch?v=viYc8nPrxDw> Promo Video created by Bianca Su

CS Principles: <https://youtu.be/et-AmtMziKo> by 2020 AHS graduate Kennedy Chung

Course Title: AP Biology	Teacher: Mr. Wong
<p>Course Description: AP Biology is equivalent to a University introductory level Biology course. The course is divided into four “Big Ideas” – Evolution, Biochemistry, DNA, and Biological Systems (from cellular to organismal to the ecosystem). This course provides excellent preparation for students planning on pursuing a career in a discipline of the Biological Sciences, including but not limited to health sciences, biotechnology, bio engineering, and environmental sciences. While knowledge is an important component of the course, students will also perform laboratory activities that will expose students to modern laboratory techniques, experimental design, and data analysis. Students are expected to collaborate, ranging from formal groupings to informal discussions.</p>	
<p>See teacher in lieu of video for 2022-23</p>	

Course Title: Visual Arts 1, 2, 3, 4, AP	Teacher: Ms. Eggett
<p>Course Descriptions:</p> <p>Visual Arts 1 is for everyone! If you are interested in improving your skills in all the foundations of art this class covers it all. You will learn to draw observationally, mechanically (Step by Step), and imaginatively. You will work with many different Mediums: Charcoal, Marker, Colored pencil, Watercolor Acrylic. You will learn the basics of 3D Design (through paper sculpture). And learn to conceptualize, plan, and execute original pieces of art.</p> <p>Visual Art 2 and 3 are for students who already have a strong interest in the visual arts, have some prior skills either from Advanced Art at the middle school, Art 1 at the highschool, and/or outside of school practice. This course focuses on creating with a higher range of materials while developing the skills to create deeper conceptual artworks. The artwork made will be bigger, deeper, and with more challenging materials such as stencils and spray paint, watercolor and acrylic painting, and printmaking. In this course you will develop an understanding of art functions within our culture and shapes our understanding of the world. <i>(If you are a junior or senior it is recommended that you sign up for Art 3.)</i></p> <p>Art 4 and AP are for Juniors and Seniors who have developed strong technical skills in visual arts and are ready to tackle creating their own portfolios. Art 4 is for students who are driven art students planning to make portfolios for their college applications. AP Art is for students ready to complete an AP portfolio by May that</p>	

year. Both Courses will be taught together and teach the foundations of personally driven portfolio creation.

Video About Course:
See teacher in lieu of video for 2022-23

Course Title: Drama I; Drama II, III; Musical Theater Tech

Teacher: Mr. Morris

Course Descriptions:

Drama I is a course for students who have a desire to perform onstage and are looking for a safe space to explore their talents. In this class students learn the introductory elements of the theater by practicing acting exercises, playing improv games, as well as performing short scenes and monologues. Students who take Acting I receive special training in public speaking and how to audition for school theatrical productions.

Drama II & III is a class for students who already have a strong interest in the performing arts and have some prior techniques and skills developed in Acting I or other acting programs outside of school. A special emphasis is placed on refining acting technique for the college-preparatory level through the deconstruction, analysis, and performance of scenes, monologues, and other auditioning material to be used for college auditions and portfolios. If you are a Junior or Senior, it is recommended you take this course.

Musical Theater Tech is a course for both aspiring musical theater and theater tech students who are interested in putting on a school musical in the Spring. This course will teach students everything they need to know in order to produce as well as participate in a musical, either as a performer or a member of the theater tech crew. Students will first choose a musical and begin producing, designing, and casting it in the fall. In the Spring, students will begin rehearsing the musical to be performed in March or April 2023. Students who wish to sign up for this course may select either Musical Theater or Theater Tech on their course selection forms.

See teacher in lieu of video for 2022-23

Course Title: Mandarin I - AP

Teacher: Mrs. Wang & Ms. Lee

Course Description:

Can't decide which language course to choose? Mandarin is the most spoken language in the world! No matter what you choose to study in college, your Mandarin skills will be a definite bonus. Come explore a rich culture extending back five thousand years, learn how to cook your favorite Chinese dishes, and take a first step towards learning any number of non-Romance languages.

Video About Course: <https://youtu.be/LYUw1TNnz-A>

Course Title: AP Government + Politics

Teacher: Goldberg

Course Description: **AP U.S. Government** and Politics provides a college-level, open-minded introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Come discuss the political, social, environmental, and economic issues you feel passionately about, and connect them to the institutions of our government!

Video About Course: <https://www.youtube.com/watch?v=ZiWawmrlxgQ&t=15s>

Course Title: Foreign Language: French, Spanish, Mandarin

Teacher: Mrs. Wang, Ms. Lee, Ms. Kennedy, Ms. Alfaro, Mr. Gonzalez, Mr. Lowy, Mr. Onsei-Ansah

Course Description:

The world has approximately 7.7 billion people living in it. Wouldn't it be great to speak with them? Then come learn a language. The three languages taught at AHS are a great way to make that happen.

Mandarin is the most spoken language in the world. Spanish is spoken in more countries will put you in touch with a huge nCan't decide which language course to choose? Mandarin is the most spoken language in the world! No matter what you choose to study in college, your Mandarin skills will be a definite bonus.

Come explore a rich culture extending back five thousand years, learn how to cook your favorite Chinese dishes, and take a first step towards learning any number of non-Romance languages.

Video About Course: <https://youtu.be/LYUw1TNnz-A> (Mandarin)

[Spanish promo video](#)

Course Title: Spanish for Heritage Speakers

Teacher: Sr. Gonzalez, Sra. Alfaro

Course Description:

This is an advanced placement course designed for students who speak Spanish at home, can primarily understand spoken Spanish, can communicate verbally in the language, and/or for students who have attended an immersion school program long enough to have attained intermediate Spanish language competence and proficiency. The course focuses on positive self identity through culture and history of the Americas, family, community, health, education, immigration and the challenges latino stereotypes in media and other forms of communication. Students will be introduced to varying forms of Spanish used throughout the world and receive an introduction to internationally acclaimed Spanish authors, laureates, playwrights and performers. The class will offer ample time for group discussion and debate in Spanish, foster critical thinking, and promote literacy skills with special attention to spelling, grammar and writing development. Successful completion of this course offers early access to upper level

courses (Spanish 4, 4 Honors and 5 A.P.), biliteracy transcript identification and/or college credit.

Video About Course: See teacher in lieu of video for 2022-23

Course Title: Orchestra

Teacher: Mr. White

Course Description:

Intermediate-level string players study/perform both orchestral and chamber literature, developing the craftsmanship and mastery necessary to mold music into a creative expression. Students in this ensemble can expect to have many opportunities to perform throughout the academic year: competitive festivals, concerts, and a bi-annual trip. This class is taken for VAPA credit, and can be taken multiple times for elective credit.

Applicable Instruments: Violin, Viola, Cello, Double Bass

See teacher in lieu of video for 2022-23

Course Title: Concert Band

Mr. White

Course Description:

Concert Band is a class in which students build on fundamental musical skills. Students in this ensemble can expect to have many opportunities to perform throughout the academic year: competitive festivals, concerts, and a bi-annual trip. Concert Band may be repeated for credit with the instructor's approval.

Applicable Instruments: Piccolo/flute, Oboe, Clarinet, Bass Clarinet, Alto Saxophone, Tenor Saxophone, Bari Saxophone, Bassoon, Trumpet, French Horn, Trombone, Baritone, Tuba, Percussion

See teacher in lieu of video for 2022-23

Course Title: Symphonic Band

Mr. White

Prerequisite: Completion of Concert Band is suggested for this course

Course Description:

Symphonic Band is a course for students who wish to become more proficient on their chosen instruments by studying and performing a variety of musical styles. Standard concert band repertoire, classical, musical theater and jazz material are offered. Students in this ensemble can expect to have many opportunities to perform throughout the academic year: competitive festivals, concerts, and a bi-annual trip. This course may be repeated for credit.

Applicable Instruments: Piccolo/flute, Oboe, Clarinet, Bass Clarinet, Alto Saxophone, Tenor Saxophone, Bari Saxophone, Bassoon, Trumpet, French Horn, Trombone, Baritone, Tuba, Percussion

See teacher in lieu of video for 2022-23

Course Title: Jazz Band

Mr. White

Prerequisite: completion of two previous AHS Music courses is recommended for this course

Course Description:

Jazz Band is a course designed to develop an aesthetic sensitivity, appreciation and understanding of music through performance of standard big band and combo repertoire in the jazz idiom. Students in this ensemble can expect to have many opportunities to perform throughout the academic year: competitive festivals, concerts, and a bi-annual trip.

Applicable Instruments: Clarinet, Alto Saxophone, Tenor Saxophone, Bari Saxophone, Trombone, Trumpet, Piano, Guitar, Electric Bass, Double Bass, Drumset

See teacher in lieu of video for 2022-23

Course Title: Beginning Guitar

Mr. White

Course Description:

This one-year course is designed for students with no previous guitar experience. Students will receive guidance and direction in solving problems related to playing the guitar on a beginning level and will learn many of the different styles, skills and techniques required to become a successful guitarist. Areas of concentration include: correct posture, note reading, aural skills, flat picking, singing songs, rhythmic patterns, chord study, finger picking styles, musical forms, improvisation and performing experiences.

See teacher in lieu of video for 2022-23