

ANNOUNCING CAREER TRYOUTS @AHS NEXT YEARTAKE A CTE COURSE AND TRY OUT A CAREER!

Course Title: Sports Medicine I and II	Teacher: Zhang
<p>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 focuses on emergency medicine, with opportunities to participate in the FACES medical internship program at Alameda Hospital, firefighter ride alongs with the Alameda Fire Department, and CPR certification. Fulfills your UC "G" elective.</p>	
<p>Video About Course: Submitted by Sports Med junior Adia Jallali https://www.youtube.com/watch?v=ZsYDnve-cbs&feature=youtu.be</p>	

Course Title: Biotechnology 1 and 2	Teacher: Hoeft
<p>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? Do you need to fulfill your physical science or elective requirement and want to learn skills needed to work in the rapidly expanding fields of biotechnology and biomanufacturing? In Biotech 1, open to rising sophomores and juniors, 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! Students who like Biotech 1 are encouraged to take Biotech 2 which gives students 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. Both courses provide you with credits to fulfill the "D" science UC high school graduation requirements. Try out a career next year by signing up for this exciting CTE pathway.</p>	
<p>Video About Course: https://youtu.be/kaQoqtfA3PE Submitted by AHS junior & Biotech 2 junior Monica Taganas https://youtu.be/4zZqEQ5SAJw</p>	

Course Title: Multimedia Art

Teacher: Szeto

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 "G" 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 operate 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 while building your own mobile app. Speakers from the IT industry, along with field trips to high tech companies and conferences, will help you know if this career is for you. Fulfill your UC "D" 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 complete additional assignments and participate in AP test preparation.*

Video About Course: Submitted by 2020 AHS graduate Kennedy Chung <https://youtu.be/et-AmtMziKo>

Course Title: Digital Film 1 & 2

Teacher: Dalton

Course Description: Lots of people want to be the next TikTok sensation. You can get a running start to achieve that goal or multiple other career possibilities in media by taking **Digital Film 1** where you will master the creative process required to produce short form video content. Use professional equipment to produce videos including your own Silent Film, Public Service Announcement, and Documentary. Get knowledgeable about the history of film while learning about the cultural significance and power of this media. Collect UC "G" credit -- plus 10 college credits from Laney College -- while you are enrolled. There is a good chance you will be hooked and will want to learn more by taking **Digital Film 2** where you can master the professional skills you'll need to be competitive participants in the film and broadcasting industry. The course will cover advanced techniques in film, video, and television production along with acting for the camera including opportunities to produce and host school news shows. Get savvy by learning project management skills to take your vision from script to screen while working with small crews. You'll end up producing a demo reel for use as a professional portfolio for job or college applications while earning another 10 college credits from Laney College. Earn your UC "G" elective credit while you try out a film career next year.

Video About Course: Submitted by AHS Digital Film junior Nolan Nguyen <https://youtu.be/jFWKQnjh-il>
Sample Public Service Announcement produced by AHS junior & Digital Film student Madeline Kuhns
<https://www.youtube.com/watch?v=GGyT3nyH5kY&feature=youtu.be>