

now is the time for cte

Why take a CTE class at Hamilton? You will learn new fields and explore different careers while having fun, preparing for life, problem solving, and gaining skills you can use in the workforce. All CTE classes count towards graduation requirements.



Computer Science// AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. The course covers a broad range of foundational topics such as programming, algorithms, the Internet, digital information, big data, digital privacy and security, and societal impacts of computing. Students learn to create real working apps that they can share with anybody. They design and develop computer programs that might solve a problem, enable innovation, explore personal interests, or express creativity. They explore how the Internet works; the basics of how and why modern encryption works, and the basics of how computing is changing our world. The course assumes no prior computer science experience, but students must have taken Algebra 1.

Culinary// Explore the wonders of cooking! This class is an introduction to the culinary arts industry. Students will learn sensitization, basic cooking principles and terminology, dining room skills, organization, time management, as well as cooking in exciting labs. Students will be introduced to all levels of the Hospitality industry. Students will participate in events to support Culinary Arts 2 and 3.

Digital Photography// Photography allows you to create beautiful images while learning the ins and outs of the photography business. We focus on the artistic and technical photographic skills needed in the industry. Students have access to DSLR cameras, Mac computers and the Adobe Creative Suite, editing in Photoshop and Lightroom. If you enjoy field trips you'll have the opportunity to travel to different parts of our own city, state or country, even all the way to the other side of the globe. There are so many interesting things to photograph, including sports, landscapes, wildlife, architecture, people and more. Come join in the fun and take Photography at Hamilton!

Early Childhood// In year one of Early Childhood Education (ECE 100), students learn about the development of a child from conception to age eight. Topics include brain development, health & safety, nutrition, and guiding behavior. The RealCare Baby Project is also part of the ECE 100 course curriculum. Advanced ECE students learn lesson planning and have work-based learning experiences at an off-campus childcare center and the Hamilton Public Library.

Engineering// Engineering teaches students that real-world problems often have multiple solutions with many pathways to achieve success. With engaging courses like Introduction to Engineering Design, Principles of Engineering, and Aerospace Engineering, you can empower yourself to explore possibilities, experiment, learn from failure, and turn ideas into reality. Engineering encourages students to adopt a problem-solving mindset, engaging them in compelling, real-world challenges that help them become better collaborators and thinkers.

Graphic Design// Graphic Design can be described as an art class that is taught on the computer. The class starts very basic with learning how to use a MAC computer and file management. Students then complete tutorials in Adobe Photoshop and Adobe Illustrator to learn the software. Once students learn the applications projects are given for students to apply their knowledge. Graphic Design is highly recommended for any students interested in logo design, social media graphics, sports information media, creating posters, and flyers both from digital and print.

Marketing// We provide smart ideas to prepare you for the world! When you choose Marketing you say "yes" to: Big Fun, Collaboration, Community Service, Conferences, DECA, Dual Enrollment (College Credits), Field Trips, Friendship, Fundraising, Growing as a Leader, Professionalism, Teamwork And much more! Come be apart of the team. We look forward to seeing you soon!

Multi Media Production// Do you want to be a social media influencer, have your own vlog or Youtube Channel, work in the movie industry, or be an Anchor/Reporter on TV News? Make sure to take CTE Multimedia & Film at Hamilton! You'll learn how to film with 4k Cameras and edit videos with Premiere Pro on Apple iMac's! You'll make short films, commercials, PSA's and music videos. Don't want to be on camera? You can learn the production side of Livestreaming events for Sports, and School Newscasts.

Sports Medicine// Are you interested in Medicine or a Medical Career of some sort? Do you want to become a Certified Athletic Trainer, Doctor, Orthopedic Surgeon, Physician Assistant, Physical Therapist, or possibly an EMT? If so, Sports Medicine is the class for you. This class explores Medical issues, injuries, the body and its systems and job opportunities.

Stage Craft// Stagecraft is for any student thinking about an exciting, hands-on career in the theatre or entertainment industry. In Stagecraft, students design and build sets, props, and costumes for plays and musicals, in addition to programming and running all of the lights/sound and learning management and marketing. All students learn a little bit of each unit but get to choose which crew they work on for performances. We often partner for internships with Gammage and other local theatres. Graduates of our program are currently working professionals on Broadway, and in the TV and film industry. Our theatre department prides itself on creating a positive, team-oriented, open community where you just might be able to find your place, gather experience, make some friends, and have some fun. Sign up for Stagecraft I TODAY! Space is always limited because it is so much fun!