



Please see [ctec.canyonsdistrict.org](http://ctec.canyonsdistrict.org) for more information and to apply!

# Class / Program Information

ctec.canyonsdistrict.org		825 East 9085 South, Sandy, UT 84094	Doug Hallenbeck, Principal, (801) 826-6601
		(801) 826-6600	Emalee Brown, CTE Coordinator, (801) 826-6621
PROGRAM	DESCRIPTION	Certifications	College Credit Available
<b>Academy of Information Technology</b>			
Cybersecurity / Networking	Build and secure computer systems and networks with hands-on labs and cybersecurity briefings. This course prepares students for successful job placement by earning industry certifications in IT and cybersecurity.	MTA: OS, Network, Security, Server Admin. TestOut: PC Pro, Network Pro, Security	
Digital Media	Learn to use digital media, 3D animation and digital editing software, 2D and 3D graphics, audio and video to prepare for jobs in graphic design and the multimedia industry.	Photoshop, Flash, Premiere, Illustrator, Dreamweaver	4 SLCC Credits
Programming/Software Development	Learn advanced programming skills and develop software applications. Build computer programs and apps for mobile devices, the internet, and gaming systems. Earn industry certifications. Intro to IT.	C#, JAVA, MTA, Adobe	8 SLCC credits 4 WSU credits
<b>Business</b>			
Business Leadership/ Project Management	Be a business professional and learn skills such as: communication, creating business plans, and essential workplace skills. Build your resume and work on real industry projects.		15 SLCC credits
<b>Health Sciences</b>			
Certified Nurse Assistant (CNA)	Learn patient care, anatomy, physiology, nutrition, medical terminology, first aid, and CPR. Prepare to take the state CNA exam. Participate in clinicals at a hospital or care facility.	Utah CNA License	5 SLCC credits
Emergency Medical Technician (EMT)	Learn training standards for EMT, administering basic life support, splinting, airway management, rapid extraction, emergency childbirth, etc. Prepare to take the state EMT certification exam.	Utah EMT License and NREMT Certification	6 SLCC credits
Medical Assisting	Learn clinical skills to work in a physician's office. These skills include: taking vital signs, drawing blood, giving shots, performing simple lab tests, and documenting medical records. Clinical externship.	Utah and National Medical Assistant Certification	3 SLCC credits
Medical Forensics	Solve mysteries using problem solving techniques. Learn Health Science skills such as microscopy, toxicology, measurements, physical evidence ID, pathology, entomology, and photography.		6 SLCC credits
Physical Therapy	Learn physical therapy skills such as: therapy treatments, communication skills, patient transfers, patient ambulation, patient range of motion, clinic policies, procedures and professionalism.		2 UVU credits
<b>Skilled and Technical Sciences</b>			
Construction Management	Learn construction management skills including managing and participating in framing, roofing, painting, finish carpentry and concrete finishing. Build a project house from start to finish.		10 SLCC credits
Cosmetology / Barbering	Learn hair styling, cutting, coloring, perming, chemical relaxing, skin care, and nail care with emphasis on safety, sanitation, and professionalism. Will have constant exposure to clients to practice.	Prepare for Utah DOPL and Utah Cosmetology/ Barbering License	44 USU-Eastern credits
Criminal Justice	Learn about the criminal justice system, including law enforcement officer functions, criminal law, and diversity of law enforcement careers. Learn take-down tactics, arrest techniques, interacting with the public.		12 SLCC credits
Heavy Duty Mechanics / Diesel	Learn diesel technician competencies in the following areas: safety, brakes and bearing adjustments, air brake systems, electrical repair and trouble shooting, complete engine overhaul, suspensions, and many more.	ASE Certifications in Brakes, Engines, Electrical Systems, Suspension/Steering	8 SLCC credits
Welding Technician	Learn technical skills and knowledge through hands on lessons in gas and electric welding, metal fabrication, plasma cutting, pipe welding, and more. American Welding Society task list emphasized.	Utah Skills Certificates, AWS Welding Certifications	3 SLCC credits
<b>Technology and Engineering</b>			
Engineering Capstone	These courses are housed at Alta High and are available to all Canyons School District high school students. See the CTEC catalog for a full description of the courses and the recommended class sequence.	Utah Skills Certificates	3 SLCC credits
Medical Innovations Pathway	Housed at Jordan High, these courses are available to all Canyons School District seniors. Learn the manufacturing process from start to finish. Complete job shadows and externships with bio-manufacturing companies.	Medical Innovations Certification	

Juniors and Seniors can enroll in any classes unless indicated as "Seniors Only"

Last Revised: 11/5/21

- Seniors Only
- Semester Class
- Sophomores can enroll in addition to Juniors and Seniors