

There are 35 Utah Career and Technical Education Career Pathways.

Career and Technical Education encompasses a variety of programs structured to equip students with work and life skills. The curriculum of CTE gives students the practical experience they need to succeed through a combination of classroom instruction, hands-on laboratory work, and on-the-job training. CTE Career Pathways provides students with technical training to prepare for a successful career. The structured training each student receives gives him or her the tools needed to be successful in a career after high school and/or further his or her postsecondary education. Each student is encouraged to explore various Career Pathways and to develop the essential skills to enter today's competitive job market with confidence.

“CTE classes taught me to always challenge and push myself, how to set goals, be studious and always give 100 percent in any task I pursue.” — Savannah Condie

Agriculture, Food & Natural Resources

- > Agricultural Mechanics Systems
- > Agricultural Production Systems
- > Animal & Veterinary Science
- > Food Science, Dietetics & Nutrition
- > Natural Resource Science
- > Plant Science

Architecture & Construction

- > Architectural Design (CAD)
- > Construction & Structural Systems
- > Interior Design

Arts, Audio/Visual Technology & Communications

- > Broadcasting & Digital Media
- > Fashion Apparel & Textiles
- > Graphic Design & Communication

Business, Finance & Marketing

- > Accounting & Finance
- > Business Administration
- > Business Information Management
- > Marketing

Computer Science & Information Technology

- > Cybersecurity
- > Information Technology Systems
- > Programming & Software Development
- > Web Development

Education & Training

- > Pre-K: Early Childhood Education
- > K-12: Teaching as a Profession

Engineering & Technology

- > Engineering
- > Mechanical Design (CAD)

Health Science

- > Health Science

Hospitality & Tourism

- > Culinary Arts
- > Hospitality & Tourism

Human Services

- > Family & Human Services
- > Personal Care Services

Law, Public Safety, Corrections & Security

- > Protective Services

Manufacturing

- > Manufacturing & Production
- > Welding & Machining

Transportation, Distribution & Logistics

- > Automotive
- > Aviation
- > Diesel



“The CTE courses I completed have prepared me for life after high school by teaching me skills that I can apply in my life. These courses have helped me clarify my choice of becoming a teacher. They have provided me with hands-on experience in a live classroom setting and I have gained knowledge from this experience.”

Gabriela Rosas

CAREER AND TECHNICAL EDUCATION

PREPARING STUDENTS FOR COLLEGE AND CAREER



Utah Career and Technical Education Career Pathways

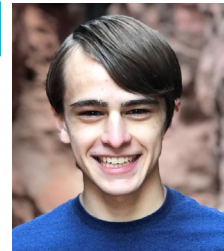
What is a CTE Career Pathway?

- > A Career Pathway is a sequence of courses within a student's area of interest.
- > Career Pathways are rigorous programs of study to assure strong academic and technical preparation.
- > Career Pathways connect high school students with college for additional training, a certificate, or a degree.
- > Career Pathways save students time and money towards postsecondary training.

TOP 5 reasons why students should participate in a CTE Pathway:

1. TECHNICAL SKILLS TRAINING

"I have developed so many skills and have acquired so much knowledge needed for a computer programming career. Learning the basics of coding at an early age will help me to have a strong foundation. I will be able to excel in advanced programming and master difficult concepts with much more ease than I would otherwise."



Shawn Allen

2. HANDS-ON LEARNING

"The CTE courses I completed in high school provided a hands-on learning environment that drastically improved my teamwork and communication skills. I was taught many desirable skills and traits that many employers would love to have in their workplace. [I learned] in-depth how to problem-solve and think critically."



Ambry Smith

3. JUMP-START FUTURE CAREER

"I am able to leave high school with my certificate as a certified medical assistant. I feel it gave me a head start to life and just a feeling of security and assurance that this is something I want to further my education. I love being able to apply the skills I learned from class and use them in my everyday life."



Mia Anderson

4. EARN COLLEGE CREDIT

"I have taken several concurrent enrollment classes so I can start college with 18 college credits. I plan to finish my bachelor's degree within four-years. I will go into my college education with not only some valuable knowledge, but also real work application and practice [because of] my CTE internships."



Katelyn Whatcott

5. SAVE TIME AND MONEY

"I took mainly medical-based CTE classes in high school and I have earned a lot of college credits to give me a semester into my freshman year. This will save me time and money in the future. I will have an advantage over other students in my college courses since I will already have a good foundation for my field of study."



Bradley Palmer



Learning that works
for Utah

Participating in a CTE Career Pathway:

- > Helps the student learn skills today that will be used tomorrow.
- > Brings focus to high school studies.
- > Makes the transition from high school to life after high school—college and career—easier.
- > Maximizes opportunities for students.
- > Increases student awareness of careers, education, and training.
- > Aligns training with employer needs.
- > Provides strong academic skills and real-world problem-solving skills.
- > Strengthens the planning process.

College Means 1, 2, 4, or More

- > A one-year certificate
- > A two-year associate degree
- > A four-year bachelor's degree
- > A professional degree

Career and Technical Education reduces the workforce gap by providing long-term job education and skills training for students, enabling them to reach their full potential. Studies reveal a strong correlation between education/technical skill levels and continued employment/lifelong earnings.

"Out of all the courses and classes I have taken in high school, I would say the most beneficial classes for me, that really relate to the real-world and how it works, are CTE classes. They have given me realistic insights in what the world outside of high school is like."

Bronson Grace

Students who continue their education after graduating from high school earn higher wages and experience a lower unemployment rate.

EDUCATION PAYS!

