

There are 34 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

- > Personal Care Services

Law, Public Safety, Corrections & Security

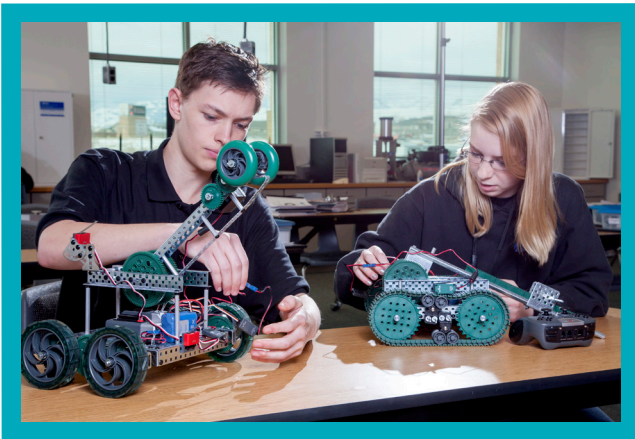
- > Protective Services

Manufacturing

- > Manufacturing & Production
- > Welding & Machining

Transportation, Distribution & Logistics

- > Auto Mechanics & Repairs
- > Aviation
- > Diesel



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 Pathway:

1. TECHNICAL SKILLS TRAINING

"It has always been my aspiration to be a veterinarian. Once I discovered there was a veterinary class I could take through Jordan Applied Technology Center (JATC), I was excited and motivated to get there."

Gaige Trevethick
Future Veterinary Technician



2. HANDS-ON LEARNING

"My internship has been such a good learning experience. I have been able to have many hands-on learning experiences and learn more about the field of accounting. Because of my CTE Internship experience, I am going to be more prepared when I go into the field of accounting."

Brayden Austin
Future Accountant



3. JUMP-START FUTURE CAREER

"My CTE classes and my leadership experience in 4-H and FFA have laid a strong foundation on which I can build upon. I plan to go to college to complete a teaching degree."

Kaitlin Hallam
Future Agricultural Education Teacher



4. EARN COLLEGE CREDIT

"I completed 21 college credits even before entering college. I feel more prepared to go into college classes because I have been taking CTE classes. CTE classes have also helped me think more like an engineer and helped me open my mind to the new things that are possible."

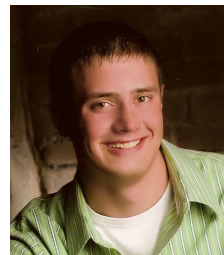
Michael Peters
Future Engineering Technician



5. SAVE TIME AND MONEY

"Being able to get firsthand, hands-on experience is very rare, and the CTE Pathway offered this. It saved both time and money and helped me make a decision on my future career plans."

Colton Cevering
Future Engineer



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.

"Taking the certified nursing assistant class helped me understand the background of nursing and has increased my desire of wanting to become a nurse. The CTE courses I have taken have prepared me for my future by giving me the privilege to become trained."

Marie-Chantal Niwenshuti
Future Nurse

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

EDUCATION PAYS!

