

# Welcome to Career and Technical Education (CTE)

Our challenge is to provide opportunities for every student to succeed in the 21<sup>st</sup> century workplace. Providing these opportunities requires that programs keep pace with a rapidly changing business and economic environment. Our high school students must have a strong academic education, obtain Career and Technical Education skills, and be prepared to transition to some post-secondary education.

The Utah High School to College and Career Pathways initiative helps match education and workplace needs. Through partnerships with post-secondary institutions, school districts, business, and industry, Pathways identify and group courses within Career and Technical Education. Areas of study offer students depth of knowledge and skill linked with specific post-secondary programs culminating in degrees or certificates.

## QUICK FACTS:

- Eighteen of the 20 fastest-growing occupations within the next decade will require Career and Technical Education.
- Career and Technical Education closes the workforce gap by giving students a jump-start in obtaining essential life skills and certified occupational skills.
- Students who take two or more Career and Technical Education courses are less likely to drop out of high school.
- The more Career and Technical Education courses students take, the less likely they are to suffer periods of unemployment.

## STATISTICS:

- Over 137,000 students (grades 9-12) are enrolled in CTE courses.
- Last year, over 86,000 students were awarded a CTE Skill Certificate.
- Over 138,000 CTE students participate in internships, field studies, job shadows, and career fairs.
- Last year, over 70,000 concurrent enrollment credits were earned by CTE students.

*CTE: Giving Students the Edge*  
[www.utahcte.org](http://www.utahcte.org)



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## Career and Technical Education Career Pathways

### Agriculture

- > Agricultural Systems Technology
- > Horticulture Science & Management
- > Natural Resources Science & Mgt.
- > Prod./Processing Animal Science
- > Prod./Processing Plant & Soil Science
- > Prod./Processing Science & Mgt.

### Business

- > Accounting & Finance
- > Business Administration Support
- > Business Entrepreneurship
- > Business Management
- > Business Technology Support

### Family and Consumer Sciences

- > Child Development
- > Consumer Economics Services
- > Family & Human Services
- > Fashion Design, Manuf., & Merch.
- > Food Science, Dietetics & Nutrition
- > Food Services & Culinary Arts
- > Hospitality Services
- > Interior Design

### Health Science

- > Biotechnology
- > Dental
- > Emergency Medical Technician (EMT)
- > Medical Assistant
- > Medical Office Administrative Asst.
- > Nursing
- > Pharmacy
- > Surgical Technician
- > Therapeutic Rehabilitation/Exercise

### Information Technology

- > Database Development & Adm.
- > Digital Media (Multimedia)
- > Network Systems
- > Programming/Software Development
- > Technical Support
- > Web Development & Administration

### Marketing

- > Marketing Entrepreneurship
- > Marketing Management
- > Sales & Service Marketing
- > Travel & Tourism

### Skilled and Technical Sciences

For list of Pathways see [www.utahcte.org](http://www.utahcte.org)

### Technology and Engineering

- > Pre-Engineering
- > Project Lead the Way