

# Welcome to Career and Technical Education (CTE)

Our challenge is to provide opportunities for every student to succeed in the 21st 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 postsecondary education.

The Utah High School to College and Career Pathways initiative helps match education and workplace needs. Through partnerships with postsecondary institutions, school districts, business, and industry, Pathways identify and group courses within Career and Technical Education. CTE Areas of Study offer students depth of knowledge and skill linked with specific postsecondary 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:

- Last year, 141,673 students (grades 9-12) participated in CTE courses.
- Last year, 91,045 students were awarded a CTE Skill Certificate.
- Last year, approximately 138,000 CTE students participated in internships, job shadows, field studies, and career fairs.
- Last year, 28,185 secondary CTE students participated in CTE concurrent enrollment, earning 69,851 credit hours.



*CTE: Giving Students the Edge*  
**UtahCTE.org**



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## Career and Technical Education Career Pathways

### Agriculture

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

### 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