

Engineering & Technology



Engineering & Technology
Utah Career and Technical Education
CAREER CLUSTERS

Engineering & Technology focuses on preparing students for employment in careers that relate to the planning, managing, and providing professional and technical services, including research and development services.



CAREER PATHWAYS

> Engineering

Each CTE Career Pathway culminates in an industry recognized credential of value.

FACTS

- > Engineering occupations are considered high-skill, high-wage, and in-demand.
- > Nationally, engineering is the second largest of all professions.¹
- > In Utah, the annual occupational growth rate for mechanical engineers is 3.6 percent through the year 2030.²
- > According to the U.S. Department of Labor, 16.7 percent of U.S. architecture/engineering jobs are held by women.
- > In Utah, architectural/engineering managers have strong employment opportunities and high wages through the year 2030.²
- > Most robotics engineers are employed by private companies and work in laboratory or production settings.
- > In Utah, a professional engineer and a professional structural engineer must be licensed.³

¹ U.S. Bureau of Labor Statistics

² Utah Department of Workforce Services

³ Utah Department of Commerce Division of Occupational and Professional Licensing

“My high school drafting and engineering instructor was an amazing person and influenced my love of this field.”

Participation in and completion of a CTE Career Pathway will provide you with the academic knowledge and technical skills to successfully compete in a global economy. Learn about Career and Technical Education and the **Engineering & Technology Career Cluster** at UtahCTE.org.