

Manufacturing



Manufacturing
Utah Career and Technical Education
CAREER CLUSTERS

Manufacturing focuses on preparing students for employment in careers that relate to the planning and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, engineering.



CAREER PATHWAYS

- > Manufacturing
- > Welding & Machining

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

FACTS

- > Utah has a strong base of aerospace companies, with 944 establishments and 31,390 employees.¹
- > ATK and Hill Air Force Base are two of the largest aerospace employers in Utah.¹
- > In Utah, employment of aerospace engineers is projected to grow 3.8 percent through the year 2030.²
- > From residential to commercial construction, cabinetmakers and carpenters are in demand throughout Utah.²
- > Machine tool job prospects will be the best for highly skilled workers and those with knowledge of computerized machine tool operation.³
- > From construction sites to automotive body shops, to farms and manufacturing plants, welders are found in numerous industries throughout Utah.
- > Nationwide, women represent 5.8 percent of welders, solderers, and brazers.⁴

¹ Governor's Office of Economic Opportunity (GOEO)

² Utah Department of Workforce Services

³ Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook*

⁴ U.S. Department of Labor, Women's Bureau



... we find the desire and interest to explore and learn more about the field of welding.”

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 **Manufacturing Career Cluster** at UtahCTE.org.