

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, maintenance and manufacturing/process engineering.



CAREER PATHWAYS

- > Manufacturing
- > Welding & Machining

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

FACTS

- > The Northern Utah region of Utah has a strong existing base of aerospace and composites companies, with more than 30 companies and an estimated 16,500 employees.
- > ATK and Hill Air Force Base are two of the largest aerospace employers in Utah.¹
- > 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 5.9 percent of welders, solderers, and brazers.⁴

¹ Governor's Office of Economic Development (GOED)

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



“CTE courses helped me 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.