# **Utah Career and Technical Education Career Pathway Chart**

2020-2021 School Year



### **Career Cluster: Manufacturing**

## Career Pathway: Welding & Machining

JUNIOR HIGH / MIDDLE SCHOOL

**HIGH SCHOOL** 

**EXPLORER COURSES**: Choose one or more of the following courses.

CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course.

COMPLETER COURSES: To be a completer you must pass enough courses to earn 3.0 credits in this Pathway.

#### POSTSECONDARY:

Utah System of Higher Education: <u>ushe.edu</u> | UtahMajors.org: <u>Utah Majors Guide</u>
Utah System of Technical Colleges: <u>utech.edu</u>

#### HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING

There are several options for education and training beyond high school, depending on your career goals.



1-Year	2-Year	4-Year
Certificate	Assoc. or Tech. Degree	Bachelor's Degree
>Tool and Die Maker >Tool Maker > Welder	> Machine Tool Technician > Welding Technician	> CTE Teacher > Machine Tool Engineer > Welding Engineer

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

#### **Student Testimonial**

"The welding and agricultural classes [I took in high school] gave me the needed skills to be successful in my career and in all aspects of life."

Erica McPherson Delta High School

## LEARN MORE ABOUT OCCUPATIONS AND WAGES

#### Manufacturing

UtahCTE.org: Fact Sheet

UtahFutures.org: Occupation/Wage Search

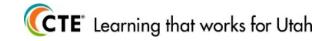
## FFA | SkillsUSA

is the Career and Technical Student Organization (CTSO) for students in the Welding & Machining Career Pathway.

FFA.org | SkillsUSA.org
UtahFFA.org | UtahSkillsUSA.org
Utah FFA flyer | SkillsUSA flyer







<sup>\*</sup> concurrent enrollment course + recommended explorer course