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

**2020-2021 School Year** 



### **Career Cluster: Manufacturing**

## **Career Pathway: Manufacturing & Production**

### JUNIOR HIGH / MIDDLE SCHOOL

### HIGH SCHOOL

SUPPORTING COURSES: Suggested high school course that supports the Career Pathway (Course DOES NOT count towards the Pathway)

**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: ushe.edu | UtahMajors.org: Utah Majors Guide

Utah System of Technical Colleges: utech.edu

### 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
> Production Technician	N/A	> CTE Teacher > Manufacturing Engineer

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

### **Student Testimonial**

"I would like a career as a manufacturing engineer and go on to pursue my own business in the manufacturing industry. CTE gave me experience for what my career will be like. CTE also [allowed me] to be able to work on the skills that I need to improve on in that specific area."

Garret Maycock Tooele High School

## LEARN MORE ABOUT OCCUPATIONS AND WAGES

#### Manufacturing

UtahCTE.org: Fact Sheet

UtahFutures.org: Occupation/Wage Search

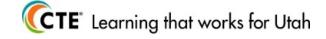
## SkillsUSA | TSA

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

SkillsUSA.org | TSAweb.org
UtahSkillsUSA.org | UtahTSA.org
SkillsUSA flyer | Utah TSA flyer







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

# **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

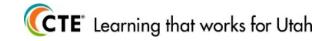
## FFA | SkillsUSA

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