

Utah Career and Technical Education Career Pathway Chart 2020-2021 School Year



Manufacturing & Production
CAREER PATHWAY
Manufacturing CAREER CLUSTER

Career Cluster: Manufacturing

Career Pathway: Manufacturing & Production

JUNIOR HIGH / MIDDLE SCHOOL			
College and Career Awareness			
Exploring Technology			
HIGH SCHOOL			
SUPPORTING COURSES: Suggested high school course that supports the Career Pathway (Course DOES NOT count towards the Pathway)			
Secondary Math 2			
EXPLORER COURSES: Choose one or more of the following courses.			
CAD Mechanical Design 1 *	Composites 1 +	Plastics 1 +	Manufacturing Technology
CAM Automated Manufacturing	Manufacturing Principles 1	Woods 1 +	
CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course.			
Composites 2			
Plastics 2			
Woods 2			
COMPLETER COURSES: To be a completer you must pass enough courses to earn 3.0 credits in this Pathway.			
Woods 3			
CTE Internship			
POSTSECONDARY:			
Utah System of Higher Education: ushe.edu UtahMajors.org: Utah Majors Guide			
Utah System of Technical Colleges: utech.edu			

* concurrent enrollment course + recommended explorer course

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 Certificate > Production Technician	2-Year Assoc. or Tech. Degree N/A	4-Year Bachelor's Degree > CTE Teacher > Manufacturing Engineer
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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](#)

