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

2020-2021 School Year



# Career Cluster: Engineering & Technology

# Career Pathway: Engineering

### JUNIOR HIGH / MIDDLE SCHOOL

#### **HIGH SCHOOL**

SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO 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
Certificate
Machine Operator

> Machine Operator > Production Technician

# 2-Year Assoc. or Tech. Degree

> Electro-Mechanical **Technicians** 

> Electronics Equipment Assembler

# > Automation Engineer

4-Year

- > CTE Teacher
- > Electrical Engineer
- > Electronics Drafter

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

## Student Testimonial

"I have always liked doing hands-on projects and thinking of different ways to make something better. With the CTE classes I was able to see whole processes, from the design stage on paper to transferring that design and idea into a computer application, then all the way to building a prototype."

Hunter Okerlund Fremont High School

# LEARN MORE ABOUT **OCCUPATIONS AND WAGES**

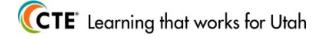
#### **Engineering & Technology**

UtahCTE.org: Fact Sheet

UtahFutures.org: Occupation/Wage Search

is the Career and Technical Student Organization (CTSO) for students in the Engineering Career Pathway.

TSAweb.org | UtahTSA.org Utah TSA flver



concurrent enrollment course + recommended explorer course