



## Career Cluster: Engineering & Technology

### Career Pathway: Engineering

<b>JUNIOR HIGH / MIDDLE SCHOOL</b>
<b>HIGH SCHOOL</b>
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.
<b>COMPLETER COURSES:</b> To be a completer you must pass enough courses to earn 3.0 credits in this Pathway.
<b>POSTSECONDARY:</b>
Utah System of Higher Education: <a href="http://ushe.edu">ushe.edu</a>   UtahMajors.org: <a href="#">Utah Majors Guide</a>
Utah System of Technical Colleges: <a href="http://utech.edu">utech.edu</a>

\* 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.			
COLLEGE 24 or more	1-Year Certificate	2-Year Assoc. or Tech. Degree	4-Year Bachelor's Degree
	<ul style="list-style-type: none"> <li>&gt; Machine Operator</li> <li>&gt; Production Technician</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Electro-Mechanical Technicians</li> <li>&gt; Electronics Equipment Assembler</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Automation Engineer</li> <li>&gt; CTE Teacher</li> <li>&gt; Electrical Engineer</li> <li>&gt; Electronics Drafter</li> </ul>

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](#)

### TSA

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

[TSAweb.org](http://TSAweb.org) | [UtahTSA.org](http://UtahTSA.org)

[Utah TSA flyer](#)

