



**Career Cluster: Architecture & Construction**

**Career Pathway: Construction & Structural Systems**

<b>JUNIOR HIGH / MIDDLE SCHOOL</b>			
College and Career Awareness			
Exploring Technology			
<b>HIGH SCHOOL</b>			
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)			
English 1010	Entrepreneurship *	Math 1050	
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.			
CAD Architectural Design 1 * +	Construction Trades Foundations * +		
Construction Management 1 +	Woods 1 +		
Construction Technology +			
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.			
Carpentry 1 *	Construction Management 2	Electrician 1 *	Plumbing 1
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.			
Carpentry 2 *	Construction Management 3	Electrician 2	Plumbing 2
CTE Internship	<a href="#">Apprenticeship</a>		
<b>POSTSECONDARY:</b> There are many options for education and training beyond high school.			
Utah System of Higher Education: <a href="https://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>	

\* concurrent enrollment course + recommended explorer course

<b>HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING</b>			
There are several options for education and training beyond high school, depending on your career goals.			
	<b>1-2 Year Certificate</b>	<b>2-Year Associate Degree</b>	<b>4-Year Bachelor's Degree</b>
	<ul style="list-style-type: none"> <li>&gt; Electrical and Electronics Engineering Technician</li> <li>&gt; Pipefitter (Journey Level)</li> <li>&gt; Plumber (Journey Level)</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Carpenter</li> <li>&gt; Electrical Drafter</li> <li>&gt; General Contractor</li> </ul>	<ul style="list-style-type: none"> <li>&gt; CTE Teacher</li> <li>&gt; Civil Engineer</li> <li>&gt; Construction Manager</li> <li>&gt; Electrical Engineer</li> <li>&gt; Environmental Engineer</li> </ul>

Career and Technical Education provides all students access to high-quality, rigorous career-focused programs that result in attainment of credentials with labor market value. [Credentials of Value](#)

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

**Student Testimonial**

The CTE classes I have taken have led me to see that I am interested in a career in construction. With the CTE classes I have learned many skills needed to go farther in my career. I have learned that I like framing, shingling, and now I found out I like doing the finish mud on sheet rock. Once I finish my schooling, I will be able to get a job that I will enjoy and that I can improve throughout my life."

Tyler Stettler  
 Murray High School

**LEARN MORE ABOUT OCCUPATIONS AND WAGES**

**Architecture & Construction**

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services  
[Utah Occupational Explorer](#)

[UAEC Pathways](#)

**SkillsUSA**

is the Career and Technical Student Organization (CTSO) for students in the Construction & Structural Systems Career Pathway.

[SkillsUSA.org](#) | [UtahSkillsUSA.org](#)

[SkillsUSA flyer](#)

