



Career Cluster: Architecture & Construction

Career Pathway: Construction & Structural Systems

JUNIOR HIGH / MIDDLE SCHOOL			
College and Career Awareness			
Exploring Technology			
HIGH SCHOOL			
SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)			
English 1010	Entrepreneurship *	Math 1050	
EXPLORER COURSES: Choose one or more of the following courses.			
CAD Architectural Design 1 * +		Construction Foundations * +	
Construction Management 1 +		Woods 1 +	
Construction Technology +			
CONCENTRATOR COURSES: 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
COMPLETER COURSES: 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		Credentials of Value	
POSTSECONDARY:			
Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)		UtahMajors.org: Majors Guide	

* 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 2 Year Certificate > Electrical and Electronics Engineering Technician > Pipefitter (Journey Level) > Plumber (Journey Level)	2 Year Associate Degree > Carpenter > Electrical Drafter > General Contractor	4 Year Bachelor's Degree > CTE Teacher > Civil Engineer > Construction Manager > Electrical Engineer > Environmental 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

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](#)

