



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)			
Business Office Specialist *	English 1010	Math 1050	
Customer Service *			
EXPLORER COURSES: Choose one or more of the following courses.			
Agricultural Mechanics and Technology 1	Construction Trades Foundation * +	Unmanned Aerial Systems	
CAD Architectural Design 1 * +	Entrepreneurship *	Welding Technician, Entry *	
Construction Management 1 +	Interior Design 1 *	Woods 1 +	
Construction Technology +	Metalworking 1		
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	Apprenticeship		
POSTSECONDARY: There are many options for education and training beyond high school.			
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.			
	Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
	> Electrical and Electronics Engineering Technician > Pipefitter (Journey Level) > Plumber (Journey Level)	> Carpenter > Electrical Drafter > General Contractor	> CTE Teacher > Civil Engineer > Construction Manager > Electrical Engineer > Environmental Engineer

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.

Advice to Students

“Take as many CTE classes as you can. It is a great way to learn a little bit about a lot of different areas. CTE classes taught me about careers that I did not know about. It is a great way to develop skills that will help you throughout your life. I also met good friends in CTE classes because I was able to be around people with the same interests.”

Tyler Bruck
 Future Construction Manager

LEARN MORE ABOUT OCCUPATIONS AND WAGES

Architecture & Construction

UtahCTE.org: [Fact Sheet](#)

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

[UIAFC Pathways](#)

SkillsUSA

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

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

[SkillsUSA Utah flyer](#)

