Utah Career and Technical Education Career Pathway

2018-2019 School Year

CTE Learning that works for Utah

CareerClusters PATHWAYS TO COLLEGE & CAREER READINESS
Architecture & Construction

Career Cluster: Architecture & Construction

Career Pathway: Construction & Structural Systems: Carpentry

CORE CODE	FOUNDATION COURSES (required)	CREDITS	
40.08.00.00.010	Carpentry 1	1.00	2.00 credits
40.08.00.00.015	Carpentry 2	1.00	
	ELECTIVE COURSES		
38.01.00.00.041	CAD Architectural Design 1 *	.50	1.00 credit
38.01.00.00.042	CAD Architectural Design 2 *	.50	
38.01.00.00.051	CAD Mechanical Design 1 *	.50	
40.08.00.00.035	Construction Trades Foundation	.50	
41.00.00.00.030	Workplace Skills	.50	
		3.00 credits for completion	

* Course can be taken up to 1.00 credit.

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.

CTSO Information

Career and Technical Student Organizations (CTSO) align with the national Career Clusters® and the Utah CTE Career Pathways.

SkillsUSA is the CTSO for students in the Carpentry Career Pathway. SkillsUSA provides quality education experiences for students in leadership, teamwork, citizenship, and character development.

Workforce Trends

As construction continues to increase, in the public and private sector, demand for skilled carpenters will increase. Those individuals with the proper training and skills will have abundant job opportunities to choose from.

Nationwide, employment of carpenters is projected to increase 6 percent through the year 2024.

Carpentry is:

> High skill
> High wage
> High demand

Sample Occupations Requiring:

High School Diploma
> Cabinetmaker and bench carpenter
> Woodworkers

Certificate
> N/A

Assoc. or Technical Degree
> Carpenter

Baccalaureate Degree
> Career and Technical Education Teacher
> Construction Manager
> Secondary Education Teacher

Graduate or Prof. Degree
> Construction Manager

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 taken 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

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING

There are a number of options for education and training beyond high school, depending on your career goals.

12th Grade	1-Year Certificate	2-Year Associate or Technical Degree	4-Year Bachelor's Degree	More Graduate or Prof. Degree
	Certificates are awarded upon the successful completion of a brief course of study, usually one year or less. Upon completion of a course of study, a certificate does not require any further action to retain. In high school a variety of certificates can be earned.	An academic degree is an award for the completion of a program or course of study over multiple years at postsecondary education institutions. In 2015-2016, 73 percent of secondary students who concentrated in a CTE Career Pathway placed in postsecondary education, advanced training, military service or employment (October 1-December 31).		

Utah Business and Industry Facts

According to the Utah Department of Workforce Services, there are 10,467 construction companies in Utah that employ 93,584 workers.

In Utah, a construction manager and a building inspector must be licensed.

CTE Skill Certificates

Competency-based student assessments, measured by core standards and competencies needed to be successful in the workforce.

In 2016-2017, 105,691 CTE skill certificates were awarded to high school students. Students' knowledge and performance is demonstrated as part of the Skill Certificate process.

UtahFutures: College and Career Planning

Visit UtahFutures.org for salary projections, labor market demand, and training options.

In 2016-2017, the graduation rate for students who concentrated in a CTE Career Pathway was 95 percent, compared to Utah's statewide graduation rate of 86 percent.