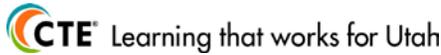


# Utah Career and Technical Education Career Pathway

## 2018-2019 School Year



**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 Cabinetmaking/Millwork Career Pathway. SkillsUSA provides quality education experiences for students in leadership, teamwork, citizenship, and character development.

**Workforce Trends**  
 Job prospects will be best for highly skilled workers and those with knowledge of computerized machine tool operation.

### Career Cluster: Manufacturing

#### Career Pathway: Advanced Manufacturing: Cabinetmaking/Millwork

CORE CODE	FOUNDATION COURSES (required)	CREDITS	
40.10.00.00.020	Cabinetmaking	1.00	1.50 credits
40.10.00.00.130	Furniture Design and Manufacturing *	.50	
ELECTIVE COURSES			
38.01.00.00.041	CAD Architectural Design 1 *	.50	1.50 credits
38.01.00.00.051	CAD Mechanical Design 1 *	.50	
40.13.00.00.030	Industrial Design *	1.00	
40.10.00.00.072	Machining 1 *	.50	
40.10.00.00.070	Machining 2 *	.50	
40.10.00.00.085	Metalworking 1 *	.50	
38.01.00.00.330	PLTW Civil Engineering and Architecture	1.00	
38.01.00.00.390	PLTW Engineering Design and Development	1.00	
40.10.00.00.120	Woodworking *	.50	
41.00.00.00.030	Workplace Skills	.50	
<b>3.00 credits for completion</b>			

\* 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.**

**Cabinetmaking/Millwork is:**  
 > High demand

**Sample Occupations Requiring:**  
High School Diploma  
 > Cabinetmaker  
 > Carpenter  
 > Supervisor of Construction Workers

Certificate  
 > Cabinetmaking and Furniture Construction

Assoc. or Technical Degree  
 > Cabinetry and Architectural Woodwork

Baccalaureate Degree  
 > Career and Technical Education Teacher

Graduate or Prof. Degree  
 > N/A

**Student Testimonial**  
 "Throughout my high school career I focused on the Cabinetmaking/Millwork CTE Pathway. My CTE classes have prepared me in many ways such as teaching me the knowledge I need to know about woodworking, learning about all the tools and machines and how to use the, and how to create and read plans."  
 Kaydee Walters

### 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.

<b>12th Grade</b>	<b>1-Year Certificate</b>	<b>2-Year Associate or Technical Degree</b>	<b>4-Year Bachelor's Degree</b>	<b>More Graduate or Prof. Degree</b>
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**  
 From residential to commercial construction, cabinetmakers and carpenters are in demand throughout Utah.  
 According to the Utah Department of Workforce Services, the median hourly wage for cabinetmakers and bench carpenters in Utah is \$16.11.

**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](http://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.