

High School to College and Career Pathway: Secondary

Career and Technical Education: Preparing Students for College and Career!



Area of Study: Skilled and Technical Sciences Education

Pathway: Building Trades – Carpentry

Get the Facts

Carpentry is the largest occupation of the construction trades. Over 32 percent of all carpenters are self-employed.

In Utah, a carpenter must be licensed.

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.

Carpenters who complete a formal apprenticeship program receive certification as journeypersons.



CAREER AND TECHNICAL EDUCATION Recommended Pathway Courses

(Students may select individual courses for exploration, or a complete Pathway for an in-depth focus.)

CLASS AVAILABILITY MAY VARY AT YOUR HIGH SCHOOL

Course #	Foundation Courses: (required)	Credit
46.0000	Construction Trades Foundation	.50
46.0201	Carpentry 1	1.00
	Elective Courses:	
15.1301	Technical Design 1	.50
15.1302	Architectural Design 1	.50
15.1303	Architectural Design 2	.50
46.0101	Masonry/Tile	1.00
46.0202	Carpentry 2	1.00
46.0302	Electrician 1	1.00
46.0499	Concrete Placing & Finishing	1.00
46.0501	Plumbing 1	1.00
48.0701	Woodworking	.50
48.0702	Furniture Design & Manufacturing	1.00
48.0703	Cabinetmaking	1.00
32.0199	Student Internship (Critical Workplace Skills)	.50

1.50 credits

1.50 credits

3.00 credits for completion

Carpentry is:

- > High skill
- > High wage
- > High demand
- > Nontraditional for females

Sample Career Occupations

- > Carpenter
- > Carpenter Helper
- > Carpentry Teacher
- > Construction Laborer
- > Construction Manager
- > Finish Carpenter
- > Foreman

This is a nontraditional occupation for women. In 2007, 1.9 percent of the people employed in this occupation were women.

Middle School		State Requirements		High School Suggested Education Plan				College and Career
7th Grade	8th Grade	Middle School	High School	9th Grade Suggested	10th Grade Suggested	11th Grade Suggested	12th Grade Suggested	Beyond High School
Language Arts 7 1.00	Language Arts 8 1.00	2.00	Language Arts 4.00	Language Arts 9 1.00	Language Arts 10 1.00	Language Arts 11 1.00	Language Arts 12 1.00	There are a number of options for education and training beyond high school, depending on your career goals. <ul style="list-style-type: none"> > Certificate > Associate degree > Bachelor's degree > Professional degree > On-the-job training > Apprenticeship > Military training For more information on salary projections, labor market demand, and training options, visit www.utahfutures.org .
Math * 1.00	Math * 1.00	2.00	Math 3.00	Math * 1.00	Math * 1.00	Math * 1.00		
Science .50	Science 1.00	1.50	Science 3.00	Earth Systems 1.00	Physics 1.00 or Physics with Technology 1.00	Additional Credit 1.00		
Utah Studies .50	U.S. History I 1.00	1.50	Social Studies 3.00	Geography for Life .50	World Civilizations .50	U.S. History II 1.00	U.S. Government and Citizenship .50	
P.E. 1.00	Health .50	1.50	P.E./Health 2.00	Participation Skills and Techniques .50	Fitness for Life .50 / Health Education .50 Lifetime Activities or Sport .50			
The Arts .50	The Arts .50	1.00	Fine Arts 1.50	Fine Arts Courses 1.50				
Keyboarding .50			Computer Tech. .50	Computer Technology .50				
CTE Intro 1.00		1.00	CTE 1.00	Refer to Career and Technical Education box above.				

* Talk to your school counselor about math requirements in the new common core curriculum. Core curriculum and elective requirements may vary district to district.

Concurrent enrollment course offerings vary by school and district. Many Utah postsecondary programs accept high school courses toward a two- or four-year degree through concurrent enrollment. Check regional postsecondary Pathways for details.