

Pathway:

Area of Study:

Electives

10-12

9th

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8th

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7th

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Required Courses

Example:

Pathway: Precision Production Trades – Cabinetmaking/Millwork

Get the Facts
These individuals who work in the cabinetmaking/millwork occupation are highly skilled and require extensive on-the-job training. Mathematics, especially geometry, is an essential skill and computer skills are increasingly important.

In Utah, construction managers, construction inspectors, and building inspectors must be licensed.

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

CAREER AND TECHNICAL EDUCATION Recommended Pathway Courses		
(Students may select individual courses for exploration, or a complete Pathway for an in-depth focus.)		
LASS AVAILABILITY MAY VARY AT YOUR HIGH SCHOOL		
Course #	Foundation Courses (required)	Credit
48.0701	Woodworking 1*	.50
48.0702	Furniture Design & Manufacturing *	.50
Elective Courses:		
15.1301	Technical Design 1*	.50
15.1302	Architectural Design 1*	.50
15.1303	Architectural Design 2*	.50
48.0901	Cabinetry 1	1.00
47.9705	Basic Electronics *	.50
48.0901	Machining 1*	.50
48.0902	Machining 2*	.50
48.0903	Welding Technician – Entry Level *	1.00
48.0914	Metaworking 1*	.50
48.0908	Metaworking 2*	.50
50.0401	Design and Visual Communications *	.50
50.0402	Commercial and Advertising Art *	.50
50.0404	Industrial Design	1.00
52.0211	Business Management	.50
52.0212	Advertising 1	.50
52.0213	Entrepreneurship	.50
52.0219	Workplace Skills	.50

*Course can be taken up to 1.00 credit.
Foundation courses taken beyond the required credits can be used as elective credit.
3.00 credits for completion

Middle School		State Requirements		High School Suggested Education Plan			
7th Grade	8th Grade	Middle School	High School	9th Grade Suggested	10th Grade Suggested	11th Grade Suggested	12th Grade Suggested
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
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
			General Financial Literacy .50				General Financial Literacy .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			Digital Literacy .50			Comp. Tech. or Exploring Computer Science .50	
College & Career Awareness 1.00		1.00	CTE 1.00				Refer to Career and Technical Education box above.

Electives

10-12

Woodworking	Technical Design II	Cabinetmaking
Furniture & Manufacturing	Industrial Design	Architectural Design I
Technical Design I	Commerical and Advertising Art	Entrepreneurship

9th

Digital Design	Exp. Business & Marketing
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8th

Digital Literacy	Introduction to Engineering
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7th

Keyboarding

Required Courses

Physics
Financial Literacy
Physics with Technology

Choose your pathway from the PowerPoint.

Look at each year and what classes are suggested.

For the 7th, 8th, and 9th grade years, choose electives from the list on the powerpoint that are the most closely aligned with your pathway choice.

Looking at the BLUE box, choose which electives you would like to take to reach your goal.

If there is a "required classes" section in the blue box, you MUST include those classes.