

Carpentry



Carpentry provides instruction in techniques used in commercial and residential construction. The course will include all aspects of construction from vacant lot to the finished product. Emphasis is placed on the coordination between vendors and other trades people who supply services needed at site for a completed project. The course also includes estimating prices relating to consumers and trades people, interpreting blueprints, and applied math.

Major Units of Study

- Blueprint reading
- Estimating
- Finished carpentry
- Layout of footings and foundations
- Rough framing
- Safety
- Use of building products



Related Careers

- Building Supply Salesperson
- Cabinet Maker
- Carpentry Technician
- Finish Carpenter
- Foreman

Post-Secondary

- Apprentice Programs
- Articulated with the Associated Builders & Contractors, Inc. apprenticeship program
- Articulated with the Community College of Baltimore County
- Colleges
- Military Services
- On-the-job Training
- Technical Schools



Visit the Carroll County Career and Technology Center website:
<http://www.carrollk12.org/ctc>

COMPLETER: *Carpentry*

CREDITS: 6

- Guideline for Course Selections
- Refer to Graduation Requirements in the Program of Studies for specific course requirements in each content area

Grade →	9	10	11	12
Exact scheduling depends on student's plan and school's master schedule.	English 9 (1)	English 10 (1)	English 11 (1)	English 12 (1)
	US Government (1)	US History (1)	World History (1)	
	Conceptual Physics (1)	Chemistry (1)	Biology (1)	
	Algebra I / Data Analysis (1)	Intermediate Algebra / Data Analysis (1)	Geometry (1)	Algebra II / Data Analysis (1)
	PE (.5) / Health (.5)		PE (.5) / Financial Literacy (.5)	
	Fine Arts (1)	Foundations of Technology (1)		
	World Language (1)	World Language (1)		
	Freshman Seminar (.5)			
Completer Program Requirements			Carpentry I (3) Electronics (1) OR Technical Drawing & CADD (1)	Carpentry II (3)
Career Specific Electives (may be taken any year offered after prerequisites have been satisfied)	Technical Drawing & CADD (1), Manufacturing & Construction Technologies (1), Electronics (1), Power, Energy & Transportation Technologies (1), Agricultural Mechanical Technology (1), Work-Based Learning Experience (.5-1)			
8 credits possible per year				
Value Added: From: Program:	Up to 1 year toward Apprenticeship Associated Builders & Contractors	6 Articulated Credits Community College of Baltimore County, Catonsville Construction Technology		
End of Program Test: Industry: Taken:	NCCT Carpentry Level I National Center for Construction Education and Research (NCCER) At the end of Carpentry II			