

**Basic Cabinetmaking
Short-Term Certificate**

480703 CAB

Available: Shoals Campus
 Advisors: Charles Hardy (5236) charles.hardy@nwscc.edu
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The Cabinetmaking short-term certificate prepares students with the skills and related technical knowledge necessary for employment as a woodworking craftsman. Topics include basic materials and processes, uses and care of tools and equipment, safety, job planning and execution, and wood finishing techniques. Students are taught how to design, construct and install interior casework.

Eye-hand coordination, manual dexterity and physical fitness, and a good sense of balance are important to have. The ability to solve math problems quickly and accurately is also helpful. To advance, cabinetmakers should be able to estimate, with accuracy, long a job should take to complete, and its cost.

Entering students are required to complete ORT 100. Transfer students are exempt from this requirement.

	Semester		
	Theory	Lab	Hours
CAB 101 Introduction to Cabinetmaking	1	4	3
CAB 102 Introduction to Lumber	1	6	3
CAB 103 Sizes and Dimensions	1	4	3
CAB 104 Cabinet Shop Operations	3	0	3
CAB 110 Basic Safety Tools and Equipment	2	5	4
CAB 142 Woodfinishing and Spraying	2	8	5
CAB 204 Cabinetmaking/Millwork	1	10	5
Total Semester Credit Hours	26		

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**Basic Carpentry
Short-Term Certificate**

460201 BC

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This short-term certificate is designed to prepare students with carpentry skills and related technical knowledge needed for immediate employment in the carpentry profession. Emphasis is placed on safety, employability skills and requirements for successful employment. Students learn to work from blueprints and instructions preparing a layout by measuring, marking, and arranging materials. Hand and power tools are used to cut and shape various materials. The materials are joined with nails, screws, staples, or adhesives.

Carpenters may be involved in various kinds of construction activity, maintenance and installation work, repair work, manufacturing firms, government agencies, wholesale and retail establishments, and schools. Many carpenters are self-employed. It is important to acquire skills in all aspects of carpentry and to have flexibility to perform any kind of carpentry work.

Skilled carpenters need manual dexterity, eye-hand coordination, physical fitness, and a good sense of balance. Carpenters must be able to estimate how long a job should take to complete and its cost.

Entering students are required to complete ORT 100. Transfer students are exempt from this requirement.

	Semester		
	Theory	Lab	Hours
CAR 112 Floors, Walls, Site Prep	3	0	3
CAR 113 Floors, Walls, Site Prep Lab	0	9	3
CAR 121 Introduction to Blueprint Reading	3	0	3
CAR 131 Roof and Ceiling Systems	3	0	3
CAR 133 Roof and Ceiling Systems Lab	0	9	3
CAR 134 Stairs, Molding and Trim	2	5	4
CAR 211 Construction Specialities	3	0	3
CAR 217 Estimating Materials	1	5	3
Total Semester Credit Hours	25		

*Transfer Credit: Students may receive up to one semester of Advanced Placement for Career Technical coursework completed at another institution.

**A high school diploma or GED certificate is not required for admission to this program. Students must be at least 16 years old to enroll.

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