

Carpentry/Cabinetmaking

Associate in Occupational Technology (AOT)

Available: Shoals Campus

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Students desiring to receive the AOT Award must complete all major certificate courses, one minor certificate course of study, and the required credit hours of general education courses in Areas I, II, III, and IV. Upon completion of all the courses listed, students are eligible to receive the Associate in Occupational Technology Degree. Students desiring to take general education courses for transfer to another institution should consult an advisor for proper general education course selection.

Entering students are required to complete ORI 107 Transfer students are exempt from this requirement.

NOTE:

* Computer competency skills are embedded in one or more courses required in this curriculum.

Program: [Carpentry/Cabinetmaking](#)

Entrance Requirements

- Submit a completed application;
- High School diploma or equivalent required:
- Age Requirement:
- Submit official high school/high school equivalent transcripts, if applicable;
- Submit official college transcripts, if applicable;
- Satisfy [Placement Testing](#) requirements.

Area I: Written Composition

Item #	Title	Credits
	ENG 101 or ENG 100	3

Area II: Humanities and Fine Arts

Preferred ART 100 or MUS 101. *Note SPH107 or foreign language may NOT be the one course designated to fulfill the SACSCOC Core Requirement for Humanities and Fine Arts.

Please choose one of the following:

Item #	Title	Credits
	Humanities and Fine Arts Elective	3

Area III: Natural Science and Mathematics

A minimum of 3 hours in MTH 116 or MTH 100 or Higher is required. The additional 3-4 hours of degree creditable coursework may be taken from disciplines of math, biology, chemistry, physical science, physics, environmental technology.

Item #	Title	Credits
	MTH 100 or MTH 116 or higher	3
	Math or Science Elective	3-4

Area IV: History, Social and Behavioral Science

Courses may be taken from the disciplines of history, economics, geography, political science, psychology, and sociology.

Please choose one of the following:

Item #	Title	Credits
	Social and Behavioral Sciences Elective	3

Area V: Technical Concentration and Electives

Item #	Title	Credits
CAB 101	Introduction to Cabinetmaking	3
CAB 102	Introduction to Lumber and Wood Products	3
CAB 103	Sizes, Dimension, and Joints	3
CAB 104	Cabinet Shop Operations	3
CAB 110	Equipment Maintenance	3
CAB 141	Woodfinishing	3
CAB 204	Cabinetmaking and Millwork	3
CAB 230	Estimating Costs in Cabinetmaking	3
CAR 111	Construction Basics	3
CAR 112	Floors, Walls, Site Prep	3
CAR 113	Floors, Walls, Site Prep Lab	3
CAR 114	Construction Basics Lab	3
CAR 121	Introduction to Blueprint Reading	3
CAR 131	Roof and Ceiling Systems	3
CAR 132	Interior and Exterior Finish	3
CAR 133	Roof and Ceiling Systems Lab	3

Minor Requirements: Business Management and Supervision

Item #	Title	Credits
BUS 275	Principles of Management	3
	BUS Elective (3 credits)	9
	BUS Elective (3 credits)	9
	BUS Elective (3 credits)	9

Minor Requirements: Welding (Fall and Spring Semester)

Item #	Title	Credits
WDT 108	SMAW Fillet/OFC	3
WDT 109	SMAW Fillet/Pac/Cac	3
WDT 122	SMAW Fillet/OFC Lab	3
WDT 123	SMAW Fillet/Pac/CAC Lab	3

Minor Requirements: Welding (Summer Semester)

Item #	Title	Credits
WDT 110	Industrial Blueprint Reading	3
WDT 119	Gas Metal Arc/Flux Cored Arc Welding Theory	3
WDT 124	Gas Metal Arc/Flux Cored Arc Welding Lab	3
WDT 219	Welding Inspection & Testing	3

MSSC Certified Production Technician

Item #	Title	Credits
ADM 291	Mssc Safety Course	3
ADM 292	MSSC Quality Practices and Measurement Course	3
ADM 293	MSSC Manufacturing Processes and Production Course	3
ADM 294	MSSC Maintenance Awareness Course	3
Minimum Credit Hours for Graduation:		75