



Woodworking and Cabinetmaking

Degree

Industrial Technology, Woodworking & Cabinetmaking Option,
Associate of Science

Certificates

Cabinetmaking, Certificate of Achievement

Woodworking & Cabinetmaking, Job Skills Certificate

Industrial Technology, Woodworking & Cabinetmaking Option Associate of Science Degree

This degree covers the principles of woodworking to include materials, hand tools, wood cutting machinery and wood finishing. Emphasis will be put on designs to include modular construction, new materials and processes. Advanced bidding techniques are discussed.

Program Learning Outcomes

The successful student will be able to:

- demonstrate proficiency in technical skills and safety principles required for employment in the woodworking/cabinetmaking industry.
- demonstrate problem solving skills used in product design and development in the woodworking industry.
- demonstrate a deep understanding of the core material required for certification in the woodworking program.

Career Opportunities:

Cabinetmaker, Carpenter.

Total Units: 33

Required Courses

Course #	Name	Units
WOOD B1	Introduction to Woodworking Technologies	3.0
WOOD B2	Furniture and Cabinetmaking	3.0
CNST B1	Introduction to Construction	3.0
WOOD B5	Intermediate Cabinetmaking	3.0
WOOD B65A	Advanced Cabinetmaking	3.0
WOOD B65B	Advanced Cabinetmaking	3.0
	ENGL Approved Course	
MATH B50	Modern College Arithmetic & Pre-Algebra	4.0
	or	
	Math Placement Assessment Level 2 or Above	
INDR B12	Introduction to Drafting and CAD	2.0
INDT B10	Occupational Readiness	3.0
	or equivalent	

Electives to equal 33 units

INDT B274	Special Problems in Woodworking	2.0-3.0
INDR B20A	Computer Aided Drafting and Design (CAD)	3.0
FORE B2	Natural Resources	3.0
ENGL B50	Introduction to College Composition	4.0

Cabinetmaking Certificate of Achievement

This certificate covers the principles of woodworking to include materials, hand tools, wood cutting machinery and wood finishing. Emphasis will be put on designs to include modular construction, new materials and processes. Advanced bidding techniques are discussed.

Program Learning Outcomes

The successful student will be able to:

- demonstrate proficiency in technical skills and safety principles required for industrial employment.
- demonstrate problem solving skills used in industrial design and product development.
- demonstrate a deep understanding of the core material required for transfer to a four year university degree program and/or certification in the department programs

Career Opportunities:

Cabinetmaker, Carpenter.

Total Units: 33

Required Courses

Course #	Name	Units
WOOD B1	Introduction to Woodworking Technologies	3.0
WOOD B2	Furniture and Cabinetmaking	3.0
CNST B1	Introduction to Construction	3.0
WOOD B5	Intermediate Cabinetmaking	3.0
WOOD B65A	Advanced Cabinetmaking	3.0
WOOD B65B	Advanced Cabinetmaking	3.0
	ENGL Approved Course	
MATH B50	Modern College Arithmetic & Pre-Algebra	4.0
	or	
	Math Placement Assessment Level 2 or Above	
INDR B12	Introduction to Drafting and CAD	2.0
INDT B10	Occupational Readiness	3.0
	or equivalent	

Electives to equal 33 units

INDT B274	Special Problems in Woodworking	2.0-3.0
INDR B20A	Computer Aided Drafting and Design (CAD)	3.0
FORE B2	Natural Resources	3.0
ENGL B50	Introduction to College Composition	4.0

Woodworking & Cabinetmaking

Job Skills Certificate

This certificate covers the principles of woodworking to include materials, hand tools, wood cutting machinery and wood finishing. Emphasis will be put on designs to include modular construction, new materials and processes. Advanced bidding techniques are discussed.

Program Learning Outcomes

The successful student will be able to:

- demonstrate proficiency in technical skills and safety principles required for employment in the woodworking/cabinetmaking industry.
- demonstrate problem solving skills used in product design and development in the woodworking industry.
- demonstrate a deep understanding of the core material required for certification in the woodworking program

Career Opportunities:

Cabinetmaker, Carpenter.

Total Units: 9

Select 6 units from the following

Course #	Name	Units
WOOD B1	Introduction to Woodworking Technologies	3.0
WOOD B2	Furniture and Cabinetmaking	3.0
WOOD B5	Intermediate Cabinetmaking	3.0

