

# CERTIFICATE IN FINE WOODWORKING

(39 hrs.)

CIP: 48.0701

School of Arts and Design, (505) 428-1731

This program concentrates on the development of fine woodworking skills to prepare students for designing and building their own furniture or for employment in the furniture-making industry.

## PROGRAM OUTCOMES

Upon completion of this program, students will be able to:

- Safely use woodworking machinery to mill wood to accurate dimensions.
- Sharpen and use appropriate hand tools to augment the use of woodworking machines.
- Select and construct appropriate joinery to make various kinds of furniture.
- Discern the characteristics of wood and choose the right wood for a project.
- Demonstrate understanding of surface preparation and finishing techniques for various kinds of woods.
- Develop and demonstrate a personal aesthetic in furniture design.
- Create scaled, multi-view drawings, cut lists and procedure lists for woodworking projects.

## CORE REQUIREMENTS: (27 HRS.)

WOOD 111	Introduction to the Fine Art of Woodworking (5)
WOOD 112	Introduction to Hand Tools (5)
WOOD 115	Introduction to Joinery (5)
WOOD 120	Characteristics of Wood (1)
WOOD 125	Introduction to Finishing (3)
WOOD 130	Furniture Design (3)
WOOD 220	Doors, Drawers and Hardware for Furniture (5)
[or]	
WOOD 290	Advanced Furniture Making (5)

## RELATED REQUIREMENTS: (3 HRS.)

ENGL 111	Composition and Rhetoric (3)
[or]	
ENGL 119	Professional Communication (3)

## APPROVED ELECTIVES: (9 HRS.)

NOTE: See “College Success Course Requirement” on Page 10.

**TOTAL 39 CREDITS**