

WOODWORKING MANUFACTURING TECHNOLOGIES (CERT)

WMT 187

Woodworking Machine Maintenance and
Repair

1.5

CERTIFICATE OF ACHIEVEMENT

The goal of the Woodworking Manufacturing Technologies Department is to provide students with high-quality woodworking education programs leading to certificates, degrees, and jobs; provide the industry with highly capable cabinet and furniture makers; provide the community with high-quality avocational woodworking education programs; provide the industry with material, process, and equipment training programs; and support other schools in the promotion and delivery of woodworking education.

Program Student Learning Outcomes

- Students build a casegood project to meet the requirements of specified planning documents.
- Students build a face frame or frameless cabinet project to meet the requirements of specified planning documents.
- Students build a table project to meet the requirements of specified planning documents.
- Students convert rough lumber to a flat, straight and square-edged piece suitable for project use.
- Students select and install base, case, and crown moldings.
- Students install a cabinet and scribe it to the wall.
- Students select, prepare for, and apply the appropriate finish for a furniture or cabinet project.
- Students use a lathe to create a faceplate or spindle project

Program Requirements

Code Number	Course Title	Units
Basic Core Courses		
WMT 101	Introduction to Woodworking	3.0
WMT 102	Introduction to Solid Wood Casegoods	4.0
WMT 103	Introduction to Tables	4.0
WMT 107	Wood Finishing	3.0
WMT 118	Introduction to Woodturning	2.0
WMT 151	Introduction to Faceframe Cabinetmaking	4.0
or WMT 153	Introduction to Frameless Cabinetmaking	
WMT 154	Introduction to Cabinet Installation	4.0
or WMT 155	Architectural Millwork	
Recommended Electives		
WMT 187	Woodworking Machine Maintenance and Repair	
WMT 123	Decorative Boxes	
WMT 144	Jigs and Fixtures	
Total Units		24

Recommended Courses

Code Number	Course Title	Units
WMT 123	Decorative Boxes	4.0
WMT 144	Jigs and Fixtures	2.0