

WOOD TECHNOLOGY

Laney College

Outcome	Institutional Outcomes	Assessment Method
1. Skills Students will develop a foundation of core skills necessary to effectively use hand tools, operate power tools, do design and layout for projects, and work with software and CNC equipment that is current for the cabinet and furniture making trade.		Evaluation of assignments.
2. Materials and Practices Students will identify, analyze, evaluate and apply materials of the trade to the appropriate production parameters creating efficient work flows for shop projects with optimal material use. Students will analyze production processes and apply required techniques in order to meet production standards.		Evaluation of assignments.
3. Communication and Calculate Students will interpret, analyze, do required mathematical calculations and create architectural drawings and other shop documents used in the contemporary woodworking trade and communicate essential information from these documents to coworkers and clients. Students will use woodworking nomenclature to communicate effectively in the woodworking field.		Evaluation of assignments.
4. Safety Students will evaluate, set up and operate woodworking machinery and use hand tools according to safe operational practices and understand the implications of materials as they relate to worker and customer safety and environmental impacts.		Evaluation of assignments.