

Cabinetmaking

Purpose

Provide students with an opportunity to demonstrate their abilities to perform a series of cabinet making competencies.

Objectives

Students should have a general understanding of the following competencies in the following areas of cabinet making.

- Estimating Material Costs
- Tool Identification
- Wood Species Identification
- Fasteners and Hardware
- Identification and Installation
- Measuring and Layout of Materials
- Wood Joint Identification
- Machine Identification
- Machine Safety
- Machine Maintenance
- Machine Operation
- Gluing and Clamping
- General Abrasive Characteristics
- Finishing Techniques

Contestant Rules

1. The contest is open to cabinet making or building trade students, as facilities permit.
2. Contestants will be given a written exam including identification of wood specie and famous cabinet maker (both past and present).
3. Contestants will demonstrate their abilities to perform competencies selected from the objectives above.
4. Contestants should have a thorough knowledge of safety and operational procedures for the following power equipment: Table Saw, Drill Press, Band Saw, Power Miter Saw, Jointer, and Portable Electric Tools including Sanders, Routers, Drills and Scroll Saws.
5. Contestants must give a Student Verification form, signed by their instructor, certifying their knowledge of safety and machine use, to the contest coordinator. Failure to do so will disqualify the contestant from competition.

Contestant Evaluation

1. General, Material, and Personal Safety
2. Cabinet Making Knowledge
3. Accuracy in Measuring and Cutting
4. Workmanship (Neatness)
5. General Machine Operation
6. Student Demonstrations and Interview

Supplies and Materials Needed by Contestants

1. Lab coat/Apron
2. Safety glasses
3. Hearing protection