



CONTEST SCOPE

Program Name- Cabinetry & Wood Technology

Contest Chair-Gerald Galczynski

Contest Chair E-Mail – gwgalczynski@berkscareer.com

Berks Career and Technology Center

East Campus – 3307 Friedensburg Road Oley, PA 19547

West Campus – 1057 County Welfare Road Leesport, PA 19533

Contest:

CABINETMAKING

Purpose:

Allow Career & Technical students to demonstrate entry level cabinetry, construction skills in a competitive, practical application environment.

Clothing:

Shop appropriate clothing, leather work shoes or boots (no sneakers). No loose jewelry. Safety Glasses.
Students will not be penalized for clothing unless it is a safety violation.

Equipment and Material:

Equipment/Tools/Materials Provided by Host School:

Table saws	Router Tables, Overhead Router
Jointer	Random Orbital and Belt Sander
Planer	Cordless & Electric Drills
Miter Saw	Biscuit Jointer
Mortise Machine	Dowel Jig
Pocket Hole Machine	Contact Adhesive & Rollers
Wide Belt & Disc Sander	Calculator
Band Saw	Lumber
Drill Press	Pocket Hole Machine or Kreg Jig
Clamps	
Disc Sander	
Boring Machine	

Equipment/Tools/Materials Provided by the Contestant:

Safety Glasses	Measuring Tape or foot rule
Set of Wood Chisels	Pencils
Utility Knife	File (laminate finishing)
Hammer	Back Saw
Combination Square	Screwdrivers
Block plane	Drill bits 1/16-1/4 inch & Countersink
Putty Knife	Sanding block/ med. grit paper
Laminate trimmer & Bits	

Scope of Contest

Knowledge- The contest will include a multiple-choice, short, written test to be used as a tiebreaker.

Skill Performance- The contest will consist of practical tasks and will last approximately 3 hours. Please follow the official Skills USA National Cabinetmaking Scope of contest list of standards and competencies students should be trained to perform. The BCTC contest consists of workstations that may require the practical application of the following cabinetry tasks:

Interpret shop drawings

Create a Bill of Materials list

Machine rough stock on a jointer and planer

Cut stock to size on table and miter saws

Construct a frame and panel or small project with various wood joinery applied

Laminate a substrate

Rout a profile with a portable or table router

Common wood joinery

Hand Tool use

Apply stain

Additional Information

There will be a 3-hour time limit for test completion

A dowel joint may be substituted for a mortise & tenon if a student has not been trained to use a mortise machine

Additional tools will be permitted. However, the judges reserve the right to disqualify any tools they feel will give the contestant (in their opinion), an unfair advantage.