

COURSE OUTLINE

Course: 72200 CABINETMAKING

Total Course Hours: 720.00

CBEDS Title: MILLWORK AND CABINETMAKING

CBEDS #: 5520

Job Title(s):

Cabinet Installer, Cabinet Refinisher, Repair Technician, Cabinet Designer, Project Manager, Bench Carpenters, Woodwork

Prerequisites:

One semester of woodworking at the high school level

Course Description:

Students receive instruction in basic and advanced cabinetmaking techniques and installation. Training includes knowledge of machine tools as well as planning, designing and selection of materials. Integrated throughout the course are Academic and CTE standards, which include safety, communication, technology, ethics, career planning and other employability skills.

Hours	
Class	OJT

Occupational Competencies

1-7 on the Course Outline are generic to all BVROP courses and include the BVROP Student Outcomes

3.00	3.00
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1 ORIENTATION

- A Identifies and discusses course objectives and competencies.
- B Discusses ROP Student Outcomes.
- C Explains class attendance and behavior objectives.
- D Reads the parts of a ruler
- E Solves fraction and decimal problems

3.00	3.00
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2 HEALTH, SAFETY AND ENVIRONMENTAL MANAGEMENT

- A Describes accident procedure.
- B Demonstrates appropriate safety practices (e.g. bending, lifting, etc.).
- C Demonstrates knowledge of classroom procedures and drills (e.g. earthquake, fire and emergency).
- D Demonstrates safe and proper operation of hand tools.
- E Demonstrates safe and proper operation of power tools.
- F Demonstrates safe and proper operation of stationary power woodworking machines.
- G Successfully passes safety tests.
- H Describes workers rights and laws

3.00	3.00
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3 ETHICS AND LEGAL RESPONSIBILITIES

- A Defines sexual harassment and discusses tactics for handling harassment situations.
- B Applies appropriate workplace behavior and standards.

3.00	3.00
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4 LEADERSHIP AND TEAMWORK

- A Describes the characteristics and benefits of teamwork and leadership.
- B Demonstrates ability to make appropriate decisions.
- C Works well with others and gives/takes constructive criticism.
- D Describes advantages of Skills USA membership

Hours	
Class	OJT

15.00	15.00	5 <u>CAREER PLANNING</u> A Prepares a finished, professional portfolio showing the best work that has been completed during the class. B Locates job opportunities through the use of want-ads and placement agencies. C Visits at least one facility related to area of training and observes jobs performed. D Completes a job application correctly. E Prepares for and critiques a simulated employment interview. F Discusses employee benefits and rights as related to the specific occupational job area including gender equity and equal opportunity. G Identifies acceptable procedures to leave a job. H Applies for a scholarship. I Completes a professional resume. J Demonstrates appropriate personal grooming and dress.
3.00	3.00	6 <u>COMMUNICATION</u> A Uses effective workplace conversation. B Reads and interprets written information and directions. C Practices various forms of written communication appropriate to the occupation.
5.00	5.00	7 <u>STUDENT OUTCOMES</u> A Demonstrates Occupational Specific, Communication and Critical Thinking Skills B Demonstrates Responsible Work Ethics C Demonstrates Career/Employment Literacy D Demonstrates Effective Use of Technology
25.00	25.00	8 <u>SANDING AND PREPARING FOR A FINISH</u> A Routers edges/ details a cabinet. B Scrapes, fills and sands a cabinet.
110.00	110.00	9 <u>TRADITIONAL CABINETS</u> A Lays out, cuts, assembles traditional/face cabinetry. B Prepares cabinets for shipping.
30.00	30.00	10 <u>CABINET REFACING</u> A Reface cabinet side with 1/4-inch plywood B Reface face frame with 1/4-inch plywood.
50.00	50.00	11 <u>32 MILLIMETER CABINETS</u> A Lays out, cuts, assembles 32 mm cabinetry. B Installs 32 mm hardware. C Receives instruction on operating machines, edgebander, etc. D Tail-off or assist operator of machines, edgebander, etc. E Prepare cabinets for shipping. F Deliver cabinets to job site. G Build countertops
20.00	20.00	12 <u>PLANNING AND DESIGNING</u> A Designs and estimates both free standing and installed cabinetry. B Estimates material needed to construct both free standing and installed cabinetry. C Computer generated layout and design
20.00	20.00	13 <u>WOOD FINISHING</u> A Applies stain to a cabinet. B Applies lacquer base and water base finishes. C Identifies defects and evaluates the finish. D Repairs cabinets for shipping.

Hours	
Class	OJT

72200 CABINETMAKING

3 of 3

30.00	30.00	14 <u>INSTALLATION</u>
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- A Loads and unloads cabinets
- B Installs cabinets in a residence.
- C Installs molding in a residence.
- D Installs 32 mm cabinets.

20.00	20.00	15 <u>PROJECT DEVELOPMENT</u>
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- A Manages a group of students through the design and construction phase of a set of kitchen cabinets.
- B Manages a group of students installing a set of kitchen cabinets.
- C Evaluates the construction and installation of a set of kitchen cabinets.

20.00	20.00	16 <u>SHOP MANAGEMENT</u>
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- A Sets up and organizes shop clean up assignments
- B Supervises and evaluates shop clean up.

TOTAL HOURS

Class	OJT	Course
360.00	360.00	720.00