

Course discipline/number/title: CR 1635: Shop Practices II

A. CATALOG DESCRIPTION

1. Credits: 2
2. Hours/Week: 4 lab
3. Prerequisites (Course discipline/number): CR 1612
4. MnTC Goals (if any): NA

In this course, students practice use of hand tools, portable power tools, and woodworking machines in a safe and efficient manner. Students build cabinets and woodworking projects using a variety of fastening techniques. Laminate counter tops and finished cabinets are installed.

B. DATE LAST REVISED (Month, year): November, 2017

C. OUTLINE OF MAJOR CONTENT AREAS:

1. Safe use of tools and equipment
2. General carpentry skills
3. Table saw
4. Properties of wood
5. Cabinet planning and design
6. Joinery
7. Estimate materials
8. Drawers and doors
9. Finishes

D. LEARNING OUTCOMES (GENERAL): The student will be able to:

1. Safely use table saw
2. Apply codes and safety standards
3. Construct a wall or base cabinet
4. Install moldings
5. Build and install cabinet doors and hardware
6. Build and install drawers and guides
7. Cut and install laminates
8. Read and interpret plans and specifications

E. LEARNING OUTCOMES (MNTC): NA

F. METHODS FOR EVALUATION OF STUDENT LEARNING:

Methods may include but are not limited to:

1. Research assignments
2. Quizzes
3. Exams
4. Class Participation

G. RCTC CORE OUTCOME(S) ADDRESSED:

Critical Thinking. Students will think systematically and explore information thoroughly before accepting or formulating a position or conclusion.

H. SPECIAL INFORMATION (if any): None