

Minnesota State College Southeast

CARP 1200: Cabinetry 2

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 1

Lab Hours/Week: 4

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course will provide the student with the knowledge to finish fine woodworking projects. Cabinet installation and plastic laminates will also be covered. (Prerequisite: CARP 1100 Cabinetry 1) (3 credits: 1 lecture/2 lab)

B. COURSE EFFECTIVE DATES: 02/06/2018 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Build Cabinets
2. Prep Cabinets for Finishing
3. Finish Cabinets in a Spray Booth
4. Install Hardware on Cabinets
5. Install Cabinet Projects on Site

D. LEARNING OUTCOMES (General)

1. Describe the skills needed by the cabinetmaker
2. Describe how lumber is cut
3. Explain moisture content
4. Compute board feet
5. Describe the kinds, sizes and grades of plywood, hardboard
6. Explain how plywood and hardboard are made
7. Describe basic woodworking joints
8. List the advantages and disadvantages of woodworking joints
9. List commonly used woodworking adhesives
10. Describe characteristics of adhesives
11. Describe the basic kinds of clamps and uses
12. Describe types and sizes of fasteners
13. Describe development of good cabinet design
14. Develop bill of materials
15. Develop a cutting plan
16. Develop construction plan
17. Explain frame and panel construction
18. Identify casework construction
19. Describe types of door construction
20. Explain door styles
21. Identify door hardware
22. Explain drawer styles
23. Describe types of drawer construction
24. Identify drawer hardware
25. Determine grades and sizes of laminate
26. Identify core materials
27. Identify types of adhesives
28. Explain methods of cutting laminates
29. Explain laminate application techniques
30. Explain laminate trimming techniques
31. Explain attachment of pre-formed tops
32. Explain laminate bending procedures
33. Explain laminate refacing techniques
34. Explain laminate splicing procedures
35. Explain laminate clean-up procedures
36. Identify installation methods

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted