



South Central College

CARP 1232 Carpentry Lab

Course Outcome Summary

Course Information

Description	Carpentry Lab will encompass a wide variety of projects in the shop. The students could be involved in the construction of a fish house, yard shed, play house, or other construction project deemed appropriate for the course by the instructor. This lab time may also be used for extra practice or refresher on new skills learned. This may involve wall framing, rafter layout, door hanging, and trim practice. If time allows, students may be introduced to cabinet construction. (Prerequisite: CARP 1110)
Total Credits	2
Total Hours	64

Types of Instruction

Instruction Type	Credits/Hours
Lab	2/64

Pre/Corequisites

CARP 1110

Institutional Core Competencies

Communication - Students will be able to demonstrate appropriate and effective interactions with others to achieve their personal, academic, and professional objectives.

Critical and Creative Thinking - Students will be able to demonstrate purposeful thinking with the goal of using a creative process for developing and building upon ideas and/or the goal of using a critical process for the analyzing and evaluating of ideas.

Course Competencies

1. Build a small structure.

Learning Objectives

- Describe construction project assemblies.
- Determine construction steps to build a small structure.
- Plan building of the structure.
- Apply knowledge to construction practice.

2. Utilize floor framing layout.

Learning Objectives

Explain 16" on-center layout.
Identify 24" on-center layout.
Describe the importance of building project square.
Apply layout elements to project.

3. Practice wall framing.

Learning Objectives

Identify studs, trimmers, and headers.
Explain layout and stack framing.
Layout studs, trimmers, and headers.

4. Install roof framing material.

Learning Objectives

Layout and install common rafters.
Install roof trusses.
Apply framing techniques.

5. Practice exterior finish on a small structure.

Learning Objectives

Explain roof covering.
Identify siding material.
Apply exterior finish material (depending on project).

6. Use interior finish material.

Learning Objectives

Select and identify interior paneling.
Describe interior door and window trim (dependent on project).
Apply finish material as applicable.

SCC Accessibility Statement

South Central College strives to make all learning experiences as accessible as possible. If you have a disability and need accommodations for access to this class, contact the Academic Support Center to request and discuss accommodations. North Mankato: Room B-132, (507) 389-7222; Faribault: Room A-116, (507) 332-7222.

Additional information and forms can be found at: www.southcentral.edu/disability

This material can be made available in alternative formats by contacting the Academic Support Center at 507-389-7222.