



South Central College

# CARP 2101 Commercial Construction Concepts

## Course Outcome Summary

### Course Information

<b>Description</b>	This course will be an exploration for carpenters into commercial construction. Students will build steel studded walls, hang steel door frames, and study other forms of commercial construction. Tours will be set up for students to visit commercial job sites and have the opportunity to compare the different types of construction. (Prerequisite: CARP 1130; CARP 2023)
<b>Total Credits</b>	2
<b>Total Hours</b>	48

### Types of Instruction

Instruction Type	Credits/Hours
Lecture	1/16
Lab	1/32

### Pre/Corequisites

CARP 1130 Residential Principles II

CARP 2023 Advanced Principles I

### 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. Identify commercial hardware.

##### Learning Objectives

Identify door closers.

Describe panic bars.

Identify self-closing hinges.

#### 2. Build steel stud walls.

### **Learning Objectives**

Identify track and stud material.  
Assemble studs to track.

### **3. Hang steel door frame.**

#### **Learning Objectives**

Assemble wall.  
Identify and apply appropriate mounting clips.  
Mount door jamb.

### **4. Frame window and door openings.**

#### **Learning Objectives**

Identify metal headers.  
Describe sills.  
Explain cripples and trimmers.

### **5. Tour light commercial job sites.**

#### **Learning Objectives**

Identify what constitutes light commercial construction.  
Explain the difference between light and heavy construction.  
Wear personal protective equipment on the tour site.

### **6. Tour heavy commercial job sites.**

#### **Learning Objectives**

Identify what constitutes heavy commercial construction.  
Wear personal protective equipment on the tour site.  
Prepare review summary of tours.

### **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](http://www.southcentral.edu/disability)

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