

# Minnesota State College Southeast

## CARP 1210: Commercial Construction 1

### A. COURSE DESCRIPTION

Credits: 1

Lecture Hours/Week: 1

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course covers commercial construction practices including steel stud work, structural headers, and commercial building components (Prerequisite: none) (1 credits: 1 lecture/0 lab)

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

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Differences from Commercial and Residential Construction
2. Light and Heavy Gauge Steel Stud Framing Techniques
3. Commercial Related Finishes

### D. LEARNING OUTCOMES (General)

1. Know proper methods for commercial construction
2. Identify differences in steel studs
3. Safe operation of equipment
4. Use of powder operated fasteners
5. Use of different fasteners for different applications
6. Commercial code differences
7. Commercial framing
8. Commercial ceiling systems
9. Commercial floor coverings
10. Use of hollow metal doors
11. Advantages of storefronts
12. Identify commercial door hardware
13. Identify different types of wall finishes
14. Recognizing wall fire ratings and applications
15. ADA cabinetry requirements
16. ADA bathroom requirements
17. Bathroom partitions applications
18. Bathroom hardware locations
19. Commercial door and window hardware
20. Knowledge of fire exit requirements
21. Fire extinguisher locations

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

None

**F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted