

# Alexandria Technical and Community College

## CARP 1510: Framing and Construction I

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course includes studying the different types of floor, wall, and roof framing; exterior trim; and finish. A large portion of the course is spent on remodeling techniques. Students learn basic terminology and techniques that apply to the trade.

**B. COURSE EFFECTIVE DATES:** 12/01/1997 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Identify lumber products.
2. Identify engineered lumber products.
3. Identify different fasteners.
4. Understand architectural plans.
5. Understand building codes.
6. Research span tables.
7. Research different foundation styles.
8. Research different floor systems.
9. Identify different wall framing styles.
10. Identify different roof framing styles.

### D. LEARNING OUTCOMES (General)

1. The learner will demonstrate knowledge in terminology and techniques as it applies to floor and wall framing.
2. The learner will demonstrate knowledge in terminology and techniques as it applies to roof trusses, ventilation, insulation, and solar heating.
3. The learner will demonstrate knowledge in terminology and techniques as it applies to ceiling and roof framing.

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted