

# Alexandria Technical and Community College

## CARP 2626: Shop VI

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: \*.\*

Lab Hours/Week: 6

OJT Hours/Week: \*.\*

Prerequisites:

CARP 2625 - Shop V (Number of Years Valid: 5)

Corequisites: None

MnTC Goals: None

In this course, students experience hands-on house building from the sill to finishing the exterior. The focus of this course is to put into practice all the principles of carpentry taught in prior classes dealing with the framing of non-load bearing and load bearing requirements of a house. Mock-ups are also used to create a variety of construction projects for additional work experience. This advantage class gives students the opportunity to work alone on projects. Prerequisite: CARP2625.

**B. COURSE EFFECTIVE DATES:** 12/05/1997 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Investigate code requirements for openings.
2. Determine girder material needs.
3. Investigate floor system needs.
4. Design floor openings.
5. Install floor joists.
6. Install x-bridging.
7. Install floor sheathing.
8. Layout exterior walls.
9. Frame wall openings.
10. Identify corner design.
11. Understand roof systems.
12. Understand fall safety.
13. Design a roof safety system.

### D. LEARNING OUTCOMES (General)

1. The learner will demonstrate knowledge and skill in framing walls and partitions.
2. The learner will demonstrate knowledge and skill in floor construction.
3. The learner will apply code requirements for floor and wall construction.

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted