

Alexandria Technical and Community College

CARP 2540: Computerized Management

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 2

Lab Hours/Week: 2

OJT Hours/Week: *.*

Prerequisites:

This course requires all three of these prerequisites

CARP 1510 - Framing and Construction I (Number of Years Valid: 5)

CARP 1538 - Framing and Construction II (Number of Years Valid: 5)

CARP 1641 - Architectural Drafting (Number of Years Valid: 5)

Corequisites: None

MnTC Goals: None

Learners use computers to estimate materials, labor, bidding, and job cost for residential and commercial construction. This course focuses on the various computer estimating programs available to contractors. In addition, there is a focus on the construction business and the problems builders have in maintaining a good set of useful books. Learners utilize a computer accounting program designed especially for the construction industry. Prerequisite: CARP1510, CARP1538, and CARP1641.

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Understand business set up and operation.
2. Understand computerized estimating concepts.
3. Research and understand wage rates.
4. Identify accounting methods.
5. Understand sales and budgeting.
6. Preparing balance and spread sheets.
7. Manage accounting for cost and expenses.
8. Interpret job specifications.
9. Create estimating forms.

D. LEARNING OUTCOMES (General)

1. The learner will understand computer based bookkeeping in the construction industry.
2. The learner will input correct information in estimating programs.
3. The learner will manage a computerized business accounting program.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted