

Alexandria Technical and Community College

CARP 2612: Computerized Estimating

A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: 2

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites:

This course requires the following prerequisite

CARP 2635 - Estimating (Number of Years Valid: 5)

Corequisites: None

MnTC Goals: None

This course uses a software program designed for contractors that is based on Microsoft Excel. Students learn the basics of using computer spreadsheets and learn how to create a personalized automated spreadsheet estimating program. The student learns how to operate this program and perform a house estimating project utilizing the software. Prerequisite: CARP2635.

B. COURSE EFFECTIVE DATES: 03/02/2000 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Understand the use of excel in estimation.
2. Understand the use of National Construction Estimator.
3. Estimate and understand labor cost.
4. Understand and calculate material cost.
5. Understand profit, overhead, and contingency.
6. Understand international residential building codes.
7. Understand exporting data to other programs.

D. LEARNING OUTCOMES (General)

1. The learner will learn basics of using computer spreadsheets.
2. The learner will create personalized automated spreadsheet estimating 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