Alexandria Technical and Community College

IDES 2663: CAD Drawing in Design II

A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: 3
Lab Hours/Week: */*
OJT Hours/Week: */*

Prerequisites:
This course requires the following prerequisite
IDES 2639 - CAD Drawing in Design I (Number of Years Valid: 5)

Corequisites: None
MnTC Goals: None

This course is an opportunity for students to learn two Computer Aided Design (CAD) software programs. Learners utilize the software to develop and present solutions to residential, kitchen and bath, and commercial design projects. The software also supports the generation of project documents.
Prerequisite: IDES2639

B. COURSE EFFECTIVE DATES: 01/12/2015 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Kitchen, bathroom, and closet plans using 20/20 software.
5. Floor plans using Revit.
7. Manipulation of product and architecture using Revit.
8. Elevations and 3-D views using Revit.

D. LEARNING OUTCOMES (General)

1. The learner will successfully use software tools to create kitchens, bathrooms, and closets using 20/20.
2. The learner will successfully use software tools to draw floor plans using Revit.
3. The learner will produce perspective visuals and hard copy elevations.
4. The learner will produce material reports for cabinetry and millwork.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted