Alexandria Technical and Community College

IDES 2639: CAD Drawing in Design I

A. COURSE DESCRIPTION

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

Prerequisites:
This course requires the following prerequisite
    IDES 1605 - Drafting (Number of Years Valid: 5)

Corequisites: None
MnTC Goals: None

This course provides learners with the basic skills for use with computers in the interior design profession. Learners also develop a working knowledge of a Computer Aided Design (CAD) system utilizing software to draft and develop support materials and to prepare presentation drawings. Prerequisite: IDES1605.

B. COURSE EFFECTIVE DATES: 08/25/2014 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. CAD terminology.
2. Drawing set up.
3. Basic drawing commands.
4. Using blocks and symbols.
5. Sheet layout and title blocks.
6. Plotting drawings.
7. Dimensions.
8. Drawing floor plans.
9. Drawing elevation and section views.

D. LEARNING OUTCOMES (General)

1. The learner will draw single objects utilizing CAD software.
2. The learner will manipulate and modify objects drawn in CAD.
3. The learner will apply the tools and functions of CAD and various library symbols creating floor plans, elevations, and isometrics.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted