NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY
IDS 245 – COMPUTER AIDED DRAFTING FOR INTERIOR DESIGNERS (3 CR.)

Course Description

Instructs in the use of the computer for drafting of floor plans, elevations, perspectives, shadowing, lighting and color applications using AutoCad software and the architectural and engineering software.
Lecture 1 hour. Laboratory 4 hours. Total 5 hours per week.

General Course Purpose

This course provides students with the necessary skills to draw two dimensional architectural drawings using AutoCAD. Students will learn how to draw plans, elevations, and sections, and they will learn how to put those exercises together into a completed drawing set. Students will be introduced to the concepts of three-dimensional drawing and BIM (Building Information Modeling).

Course Prerequisites/Corequisites

Prerequisites: IDS 105.

Course Objectives

Upon completing the course, the student will be able to:

a) be able to utilize basic terminology necessary for effective use of the computer in interior design.
b) demonstrate basic drawing skills using computer aided drafting.
c) develop accurately scaled floor plans including furniture and fixtures as well as other construction drawings needed to convey information to a furniture installer or builder.

Major Topics to be Included

a) Review basic computer commands including file structure and saving to a remote disk.
b) Basic drawing and modifying commands
c) Layers
d) Object snaps
e) Text and Tables
f) Dimensions
g) Blocks
h) Attributes
i) Hatching
j) Printing
k) Layouts