



Course Description:

CADD-130 - Fundamentals of AutoCAD Units: 3

This course is a computer-aided drafting and design (CADD) course in which the students will learn the fundamentals of using AutoCAD software. The students will learn basic CADD techniques that are used to draw and edit drawing entities; manipulate screen displays; write text; lay out drawings; print and plot drawings; apply dimensions; and manage drawing files. An introduction to computer use will be included in this course and previous knowledge of computers or computer programming is not required.

Lecture Hours: 2 Lab Hours: 3 Repeatable: No Grading: O

CAN: None

Advisory Level: Read: 3 Write: 3 Math: 1

Transfer Status: None Degree Applicable: AS

CSU GE: None District GE: None IGETC: None

Learning Outcomes:

- A. Apply the fundamental creation, modification and manipulation commands of AutoCAD software when drawing.
- B. Analyze a drawing problem to determine an efficient CADD approach to take when creating the drawing.
- C. Layout and accurately construct typical technical drawings/designs using AutoCAD software.
- D. Operate a PC workstation and peripheral devices in conjunction with CADD software.
- E. Perform organized CADD techniques when setting up and constructing drawings.
- F. Configure system variables.
- G. Apply dimensions and tolerances to a drawing.
- G. Create and work with blocks.
- H. Plot/Print a drawing.