

Drafting & Graphing

DRA 130 Intro to Computer Aided Design (3 credit, 3 lecture, 0 lab)

An introduction to Computer Aided Design. Including programs and techniques used to develop designs and drawings via drafting software.

DRA 133 3-D Computer Aided Design (3 credit, 3 lecture, 0 lab)

A continuation of Computer Aided Design involving actual three-dimensional design. **Pre-Requisite:** DRA 130 or instructor consent.

GRAP 121 Engineering Graphics I (3 credit, 2 lecture, 4 lab)

Introduction to engineering and design and graphics, including sketching, computer aided drafting, dimensioning, tolerancing, multi-view orthographic representations, auxiliary views, section views and working drawings. Students are required to use CAD in this course.