

Computer Aided Drafting (CAD)

(Science, Engineering, & Arch Department)

CAD 101—Introduction to CAD

2 lect., 3 lab, 3 cr.

An introduction to drafting using AutoCAD software. Emphasis is placed on drafting, annotating and dimensioning two dimensional drawings and composing sheets to be plotted. Emphasis is also placed on training students to follow verbal directions. Achieving appropriate lineweight distinctions when plotting is stressed.

Prerequisite: Successful completion (DVP) of MAT 020 or MAT 040 or placement into MAT 092 or higher.

Pre/corequisite: ARC 101

CAD 102—CAD 2

1 lect., 2 lab, 2 cr.

This is an intermediate course using Autodesk software. Emphasis is placed on data manipulation and three dimensional drawing, both modeling and surfacing. Students will also use Revit software to produce drawings.

Prerequisite: CAD 101