

ADM 208: Intermediate 3D Modeling

In this course students will receive instruction on intermediate 3D modeling concepts, such as sheet metal modeling, intermediate assemblies, 3D sketching and weldments. Students will explore an introduction to prototyping and design concepts in a 3D environment. 3D software will be utilized to produce properly detailed construction drawings, using multi-views, section views, and auxiliary views. Proper, industry standard dimensioning with basic tolerances will be discussed and applied to parts. Emphasis will be placed on the theory, as well as the mechanics of concepts using 3D and 2D applications. Upon completion, students will produce 3D models in a CAD environment, simple prototype models and working drawings based on proper industry standards.

Credits: 3

Transfer Code: Code C

Lab Hours: 4

Lecture Hours: 1

Prerequisites:

As required by college

Program: [Engineering Technology](#)

Semester Offered:

Fall

Spring

Summer