ADM 261: Reverse Engineering

During this course students learn the process of quality control inspection of parts and uses of reverse engineering processes employing 3D printing, scanning, and Coordinate Measuring Machine (CMM) technologies. Emphasis is on using applicable software to produce 3D models or converting scanned images into 3D models; using CMM for parts inspection and generating points cloud for 3D modeling; interfacing generated models with reverse engineering methods.

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