ENR106 : 3D Design & Analysis I

This introductory course explores careers in engineering, architecture, and design. Principles associated with 3D design, visualization, documentation, and product simulation are taught through hands-on use of Computer Aided Design (CAD) modeling software. In addition, student designed parts are fabricated using both additive (3D printing) and subtractive (CNC milling, laser cutting) techniques to enhance the understanding of the design to manufacturing process.

Credits 3

Prerequisites

MAT035: Algebra for Non-STEM or MAT041: Elementary Algebra for STEM and ENL108: Critical Reading & Thinking or ESL201: English for Speakers of Other Languages III: Advanced or satisfactory basic skills assessment scores

Semester Offered

Fall

Notes

Satisfies a Natural or Physical Science general education requirement.