

# ENR101 : Introduction to Engineering and Advanced Manufacturing

Students are introduced to the world of engineering and manufacturing through activities that showcase how products are designed and built. Teams design, build, and test a weight-bearing structure, as-well-as reverse engineer a product to improve its design. Classroom and laboratory exercises are designed to expose the student to the different engineering and advanced manufacturing disciplines. Lab sessions provide hands-on exposure to the concepts discussed in the lecture sessions. This course does not require any prior engineering background.

**Credits** 4

## **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 General Education elective.