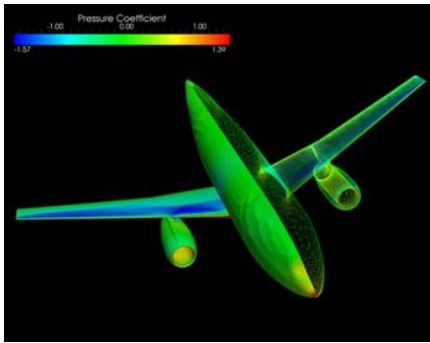


# Engineering Design & Development



**Prerequisite:** Computer Integrated Manufacturing OR Aerospace Engineering

**Course:** 1845CT

**Credits:** 1

**Length:** 18 weeks

**Placement:** 11-12

## Course Description

This course is recommended for student pursuing a career in engineering. This course will provide students with the opportunity to master the design process to solve a design problem of their choosing. They will use prior knowledge to develop, model, and test their solutions. Each team will present and defend their solutions to a panel of experts.

## Student Activities

If you are interested in high-tech, fast-paced and lucrative work in the engineering industry, Engineering can not only provide you with a solid education while you are in high school, but also offer you the opportunity of an internship/job shadowing under an experienced engineer with a local engineering firm. This will provide you with the skills needed to build a great career in a variety of industries.

## Organizations/After School/Competitions

Shine Runners Solar Car Racing Team

FTC Robotics

Technology Student Association