

Introduction to Engineering

I. General Information

Teacher: Mr. Salvatore Brusco

Email: sbrusco@geibelcatholic.org

Free Periods: Day A: periods 1 and 2; Day B: period 3

II. Course Description

In Introduction to Engineering, students will be first introduced to the fundamentals of drafting, both orthographic and isometric. After that, the students will be introduced to various areas of engineering that can include, but are not limited to, Computer Engineering, Mechanical Engineering, Automotive Engineering, Biomedical Engineering, and others. With each new branch of engineering, there will (hopefully) be a speaker and a project relating to that field.

III. Text and Supplemental Material

There is no text for this course.

IV. Supplies Needed

Students are required to bring their laptops and chargers every day. It is suggested that the student also come with a mouse.

V. Grading Scale and Evaluations

Student grades will be based on several methods of assessment, including homework assignments, tests and quizzes, a few writing assignments, projects, and class participation. Quarterly and final grades will be based on the following grading scale:

96 - 100% = A

93 - 95% = A-

90 - 92% = B+

88 - 89% = B

85 - 87% = B-

81 - 84% = C+

78 - 80% = C

75 - 77% = C-

70 - 74% = D

0 - 69% = F

VI. Guidelines

Students are expected to be respectful of the teacher, their classmates, and school property. They must also show responsibility for their own learning by coming to class prepared and by following all school policies. More information can be found in Geibel Catholic's student handbook and in the classroom rules.

Unit 01: Drafting

Unit 02: Mechanical Engineering

Unit 03: Automotive Engineering

Unit 04: Biomedical Engineering

Unit 05: Chemical Engineering

Schedule Subject to Change