

ENGINEERING 3

MISSION VIEJO HIGH SCHOOL



COURSE HIGHLIGHTS:

- Magnetic levitation
- Balsa towers
- Electrical circuitry
- Mechanisms
- Energy sources
- Energy applications
- SolidWorks modeling
- OC Maker Competition
- JPL competition
- Robotics competition
- Presentation design
- Field trips!
- Course 3 of 4



COURSE DESCRIPTION

In this advanced high school engineering course, students will discuss major theories they will encounter in a postsecondary engineering course of study. This course focuses on a thorough investigation of engineering and high-tech career choices. They will develop skills and an understanding of course concepts through problem-based, hands-on learning. Students will hone their interpersonal skills, creative abilities, and problem-solving concepts. Applied knowledge of research and development to create solutions to various challenges provides the nexus between education and the real world. Students will also develop strategies to enable and direct their own learning, which is the ultimate goal of education.

This course articulates with Saddleback College

To enroll or learn more about this course, contact your counselor or email blaise.miranda@svusd.org
For more information please visit by scanning the QR Code:



Saddleback Valley
Unified School District



Career Technical Education