

ENGINEERING 2

PRODUCT DESIGN & ENGINEERING

MISSION VIEJO HIGH SCHOOL

COURSE HIGHLIGHTS

- Employ design process
- Isometrics
- Orthographics
- Intro to SolidWorks
- Applied geometry
- 3D modeling
- 3D printing
- Reverse engineering
- Presentation design
- Graphic design
- Laser engraving
- Robot OC Competition, VEX
- Field trips!
- Course 2 of 4



COURSE DESCRIPTION

Earn college credit simultaneously! Students will explore and develop engineering skills. They will learn course concepts through activity and project-based learning. Students will hone their interpersonal skills & creative abilities. They will refine their drawing and modeling skills by using isometric and orthographic projections. Students will continue to problem-solve and apply their knowledge of research and design to create solutions to various challenges. This course also allows students to develop strategies to enable and direct their own learning.

This course articulates with Saddleback College & meets the

G requirements for admission to UC and CSU

To enroll or learn more about this course, contact your counselor or email **Blaise Miranda** at blaise.miranda@svusd.org
For more information please scan the QR Code:



Saddleback Valley
Unified School District



Career Technical Education