

Mechanical Engineering Senior Design Capstone

Students in the department of Mechanical and Aerospace Engineering are required to complete a senior design capstone in their final year of study as part of their graduation requirements. These courses provide an opportunity for students to apply their knowledge of the primary principles and concepts of engineering in an experiential learning-based environment. **This series is completed during the final Winter and Spring quarter**, with the final projects being presented at the yearly [Engineering Design Showcase](#), which is hosted by the College of Engineering.

Mechanical Systems Design Project – EME 185A/B

(Open to Mechanical Engineering Majors ONLY)

Pre-requisites: EME 050, EME 150A, EME 165

Description:

The mechanical engineering design process and its use in design of engineering systems. The sole objective of the design project course is to provide students with an opportunity to use their own skills and knowledge to solve an engineering design problem. This experience will help students make the transition from school to work and bridge the gap between theory and applications.

Pre-requisite flowchart

