

# ENGINEERING (ENGR)

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## **ENGR-490 Senior Multidisciplinary Engineering Design Project 4 Credits**

Prerequisites: None

Minimum Class Standing: Senior

This course is intended to prepare BSE students for engineering practice through a major design experience requiring multidisciplinary knowledge and skills aligned with their engineering concentration. Students work in teams to design and develop a prototype system to meet a given specification. The design must incorporate relevant engineering standards and appropriately address manufacturability, sustainability, economic, environmental, ethical, health, safety, and social considerations. Designs are documented in a professional manner and presented publicly.

Lecture: 2, Lab 4, Other 0