

Capstone Design

Last Updated: Tue, 11/18/2025

Course prefix: ME

Course number: 4182

Section: A

CRN

27114 27241

Instructor first name: Amit

Instructor last name: Jariwala

Semester: Spring

Academic year: 2026

Course description:

Seniors will work in teams to apply a systematic design process to real multi-disciplinary problems. Problems selected from a broad spectrum of interest areas, including biomedical, environmental, mechanical, industrial design, electrical, and thermal/fluids. Projects must be based on the knowledge and skills acquired in earlier coursework, and incorporate appropriate engineering standards and multiple realistic constraints. Emphasis is placed on the design process, the technical aspects of the design, and on reducing the proposed design to practice.

Academic honesty/integrity statement:

Students are expected to maintain the highest standards of academic integrity. All work submitted must be original and properly cited. Plagiarism, cheating, or any form of academic dishonesty will result in immediate consequences as outlined in the university's academic integrity policy.