

Create-X Capstone Design

Last Updated: Thu, 03/19/2026

Course prefix: ECE

Course number: 4853

Section: X01

CRN

89835

Instructor first name: Craig

Instructor last name: Forest

Semester: Fall

Academic year: 2026

Course description:

A single-semester ECE culminating design experience in which interdisciplinary teams propose, prototype, test, demonstrate, formally present, and document projects incorporating engineering standards and realistic constraints.

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.

Core IMPACTS statement(s) (if applicable):

Core IMPACTS Statement

This is a Core IMPACTS course that is part of the Writing area.

Core IMPACTS refers to the core curriculum, which provides students with essential knowledge in foundational academic areas. This course will help master course content, and support students' broad academic and career goals.

This course should direct students toward a broad Orienting Question:

- How do I write effectively in different contexts?

Completion of this course should enable students to meet the following Learning Outcomes:

- Students will communicate effectively in writing, demonstrating clear organization and structure, using appropriate grammar and writing conventions.
- Students will appropriately acknowledge the use of materials from original sources.
- Students will adapt their written communications to purpose and audience.
- Students will analyze and draw informed inferences from written texts.

Course content, activities and exercises in this course should help students develop the following Career-Ready Competencies:

- Critical Thinking
- Information Literacy
- Persuasion