

# EE 495 : Electrical Engineering Capstone Project I

Students work in teams as professional engineering consultants on an independent engineering project under the supervision of a project advisor. The design process is emphasized, encompassing project definition, feasibility analysis, evaluation of alternative designs, and design computations. For each project, the scope of work is developed and negotiated between client and student consultants. The scope of work may also include fabrication, device testing, and field-testing. Projects are arranged by the students with approval of the instructor. The design and methodology are emphasized in part 1. Progress reports and an end of term report are submitted to the project advisor with an oral presentation of the design and methodology of the project.

**Credits** 3

**Lab Hours** 6

**Lecture Hours** 0

**Tutoring Hours** 0

**Prerequisites**

EE 390

**Corequisites**

None