

ARE 491 : Architectural Engineering Capstone Project I

The Capstone project is a two-semester-long design project, undertaken individually or in a small team, under a staff mentor. The project involves an introduction to the life cycle of a project from a technical and management perspective, and is based on extensive oral and written communication. The capstone project is typically the foundation of the student's engineering portfolio for application to industry or graduate school. Students will apply the engineering concepts covered in the courses learned so far to architectural engineering problems, including the design of building structural and services systems, with an emphasis on teamwork. The projects are also used to introduce the students to various practical aspects of construction and professional ethics.

Credits 2

Lab Hours 4

Lecture Hours 0

Tutoring Hours 0

Prerequisites

[ARE 202](#), [ARE 332](#), [ARE 313](#), [ARE 315](#), [ME 407](#)

Corequisites

none