

# SE 495 : Software Engineering Capstone Project I

This course is the first part of a two-semester senior-year capstone project. It is intended to complement the theory and to provide an in-depth, hands-on experience in all aspects of software engineering. The students will work in teams on projects of interest to IT sector and will be involved in analysis of requirements, architecture and design, implementation, testing and validation, project management, software process, software maintenance, and software re-engineering. In this part students give project plan, provide software requirement specification document and develop software high-level design.

**Credits** 3

**Lab Hours** 6

**Lecture Hours** 0

**Tutoring Hours** 0

**Prerequisite Courses**

SE 310

SE 324

**Corequisites**

None