

CS 46000 - Senior Capstone Project I

P:CS 36000 and senior class standing. The first course of a two-semester sequence. Student teams will participate in the development of a substantial application-oriented or research-oriented software project utilizing a formal software process model. Emphasis on team work, project management, and oral and written communication. Student teams will conduct review activities and develop artifacts appropriate for the software project and process model chosen.

3.000 Credit hours

3.000 Lecture hours

[Syllabus Available](#)

Levels: Graduate, Undergraduate

Schedule Types: Distance Education, [Lecture](#)

Learning Objectives:

1. Apply software engineering principles and skill to a team-oriented software project.
2. Construct a software project schedule and track its progress.
3. Construct artifacts appropriate to demonstrate completion of each phase of software process.
4. Conduct formal technical reviews.
5. Utilize a repository for project artifacts.