

CSCE 491: Capstone Computer System Project

Meeting times:	TTH 2:00-3:15
Locations:	Swearingen 2A24 (lecture), 2A16 (lab)
Textbook:	No official textbook, but materials will be provided by the instructor
Prerequisites:	Operating Systems (CSCE 311) Computer Systems Engineering (CSCE 317)
Instructor:	Dr. Jason D. Bakos
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Office hours:	Tuesday, Thursday 1:00 – 2:00

Catalog Description

491 -- Capstone Computer System Project. (3) (Prereq: CSCE 311, 317)
Advanced computer systems engineering. Team projects.

Course Outcomes

After completing this course students should be able to:

1. Refine a topic, formulate an approach, and solve computer engineering problems to achieve a project goal;
2. Manage time and efforts as a team to achieve a project goal;
3. Pursue an independent project under time and design constraints;
4. Develop effective written and oral skills to communicate among team members as well as with outsiders in a real-world styled environment;
5. Design a system, consisting of both hardware and software components, using the techniques, skills, and tools of modern computer engineering practice.

Grading structure

The grading is based on the completeness and quality of the course project, project presentations, and reports.

Academic Honesty Policy

Students are encouraged to assist their colleagues for the purpose of overcoming technical challenges related to the use of the design tools. Moreover, students working on a group project must (by definition) perform joint work. However, any collaboration beyond this is prohibited and is subject to the university's guidelines, regulations, and policies regarding academic dishonesty.

Group Work Policy

The final project in this course will require that students work in groups. Choose your group partners wisely. Each of the partners will receive the same grade for the final project. The instructor is not responsible for inner-group conflicts related to disproportional work effort/time.