

Faculty Course SelfAssessment

Instructor: _____Tandon_____

Course: _CMPE 493 –Senior Capstone: Senior Design II_____

Term: _____Spring 2024_____

Enrollment: _ _____24_____

Text: none

Course Summary

Technical development and completion of a capstone design project. Continuous feedback from project clients, teammates, and instructor. Introduction to Scrum methodology. Mock U.S. Patent application, and completion of a technical journal article. Satisfies the capstone requirement.

Course Learning Outcomes:

making several criticisms, students were graded on their final assignment. Many student groups were able to cover all the essential topics but two groups missed to include a comprehensive explanation of their hypothesis and experiment sections.

The individual written assignment assessed the ability of students to think critically about, and communicate effectively with regards to, ethics in engineering. Students were given ambiguous situations to review and then were asked to make a judgement call on correct behaviors in difficult situations. Two students missed this assignment. All but 2 had logical flow in their ethics assignment to support their conclusions. Interestingly, students had contradictory conclusions.

Student comments:

- x The class was knowledgeable and challenging because it deals with design. I hope some videos were available to help refresh the idea learned in class instead of just the lecture slides. However, overall the

Other comments and recommended changes:

None

Summary of Recommended Changes

Change No change

Change No change