Course Number	CS 499 SU20	Course Title	Senior Project in Computer Science
Semester Hours	3	Course Coordinator SP20	Chun-Hsi Huang
Catalog Description SU18	A continuation of CS 498, performing exercise in the design, implementation, documentation, and deployment of a group project culminating in a presentation to the Computer Science faculty.		

Textbooks

Stellman, A. & Greene, J. (2005). *Applied Software Project Management*. O'Reilly Media, ISBN: 978-0596009489.

References

Demarco, T. & Lister, T. (2013). *People ware: Productive Projects and Teams,* Addison-Wesley Professional, 3rd Edition, ISBN: 978-0321934116.

Berkun, S. (2005). *The Art of Project Management,* O'Reilly Media, ISBN: 978-0596007867.

Course Learning Outcomes

- To provide a significant real-world type team experience in the field of computer science.
- To improve the ability to work in a team setting.
- To demonstrate the diverse skills and problem solving abilities acquired during the students' undergraduate education.

Assessment of the Contribution to Student Outcomes

SP20

Outcome →	1	2	3	4	5	6
Assessed →	X	X	X	X	X	X

Prerequisites by Topic

CS 498

Major Topics Covered in the Course

1. Working in a team environment: roles within a team, responsibilities, managing oneself within a team setting {12 classes}
2. Project Management and Planning: Management Issues and Styles {4 classes}
3. Project Requirements and Design Issues{4 classes}
4. Coding Standards{2 classes}
5. Documentation Standards {2 classes}
6. Implementation {3 classes}
7. Testing & Walk-through {4 classes}
8. Deployment {3 classes}
9. Formal Report and Final Presentation {6 classes}

Latest Revision: Spring 2020