

Dept Number	CS 499	Course Title	Senior Project in Computer Science II							
Semester Hours	3	Course Coordinator	Shahram Rahimi							
Catalog Description	A continuation of CS 498. An exercise in the design, implementation, documentation, and deployment of a group project culminating in a presentation to the computer science faculty.									
Textbooks										
<i>Applied Software Project Management</i> . Andrew Stellman and Jennifer Greene, O'Reilly Publishing, 2005.										
References										
<ul style="list-style-type: none"> • <i>People ware: Productive Projects and Teams</i>, 2nd Edition, Tom Demarco and Timothy Lister, Dorset House Publishing, 1999. • <i>The Art of Project Management</i>, Scott Berkun, O'Reilly, 2005. 										
Course Learning Outcomes										
<ul style="list-style-type: none"> • 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										
Outcome →	1	2	3	4	5	6	7	8	9	10
Assessed →	X		X	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 }