

<b>Dept Number</b>	<b>CS 498</b>	<b>Course Title</b>	<b>Senior Project in Computer Science I</b>							
<b>Semester Hours</b>	<b>1</b>	<b>Course Coordinator</b>	<b>Shahram Rahimi</b>							
<b>Catalog Description</b>	Selecting and planning a team project which is representative of a project graduates may encounter in their professional employment. This involves team formation, project selection, project planning, proposal writing, and proposal presentation.									
<b>Textbooks</b>										
<i>Applied Software Project Management</i> , Andrew Stellman and Jennifer Greene, O' Reilly Publishing, 2005.										
<b>References</b>										
<i>People ware: Productive Projects and Teams</i> , 2 <sup>nd</sup> Edition, Tom Demarco and Timothy Lister, Dorset House Publishing, 1999.										
<i>The Art of Project Management</i> , Scott Berkun, O'Reilly, 2005.										
<b>Course Learning Outcomes</b>										
<ul style="list-style-type: none"> <li>• To improve communication skills through written reports and group discussions.</li> <li>• To improve research and technical writing skills through the development of a proposal for the group project.</li> <li>• To foster presentation skills through a formal presentation of the proposal for the group project.</li> </ul>										
<b>Assessment of the Contribution to Student Outcomes</b>										
<b>Outcome →</b>	1	2	3	4	5	6	7	8	9	10
<b>Assessed →</b>			X	X	X	X	X	X	X	
<b>Prerequisites by Topic</b>										
Senior status in Computer Science, including completion of or concurrent enrollment in at least two other 400-level Computer Science courses.										

**Major Topics Covered in the Course**

Preparation for the senior group project:  
project management skills, technical writing, team formation, team building exercises  
entrepreneurship, sources of projects, project selection, project planning, proposal writing  
presentation of the proposal { 14 classes }