### CS4961/CS4962 Senior Design Project

### Course Description:

The Senior Design Project gives students an opportunity to design and develop a software project that addresses a realistic problem. Each team will work with a liaison (representing the "client") and a faculty advisor.

The non-traditional nature of the course imposes responsibilities on the students. These include, but are not limited to the following.

* Planning and scheduling individual and team efforts to complete required work by the established deadlines
* Working productively within the team despite inevitable conflict
* Learning new technologies and utilizing resources available for the completion of the project.
* Assuming various specialized roles within the group.

### Each group should maintain and update its own project page at [http://csns.calstatela.edu/department/cs/projects?year=201](http://csns.calstatela.edu/department/cs/projects?year=2017)9

**Spring Deliverables**

| CS4962 | **Writing Assignments (individual)**  Writing assignment(1st draft)  Writing assignment (Revised)  **Projects page (Group)**  Description/Abstract (10-15 lines)  Updated Requirements Document  Updated Design Document  Poster  Presentation slides  Poster  Project Report  Code Zipfile  Oral Presentation Rehearsal  Rubric Assignment: Team Work (Group)  Senior Design Expo | March 15  March 22  March 15  March 22  March 22  April 15  April 15  April 15  May 17  May 17  April 15th -April 24th  May 1  May 3 | Rubric evaluation  (students & advisor) | **Keenan/Hurley**  Rubric evaluation  Rubric evaluation  Letter grade  Grade and rubric  Rubric evaluation (O) |
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**Additional Information**

* See prior years group project (and strive to make it much better)
* A typical organizational chart for your group project is described below.
* Team members will assume responsibility for various roles, such as:
  + Project lead
  + Customer liaison/requirements lead
  + Architecture/design lead
  + Component leads such as UI, backend, database schema, etc.
  + QA lead
  + Documentation lead
  + Demo/presentation lead
* The overall team leader has additional roles
  + Update project page on CSNS
  + Interact with team leaders from other projects
* Mandatory attendance
  + Kick-Off day
  + Presentations day
  + Expo day
  + College/Department workshops (Fridays)
* Time commitments per week
  + 1 to 2 hour block with Industry Liaison
  + 1 to 2 hour block(s) with faculty/graduate advisor
  + 5 to x hours of time for group/individual activities

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