





needs within real-world constraints; the ability to function on multi-disciplinary teams; and to identify, formulate, and solve engineering problems.

The due dates for the project miles stones will be announced on the course web site.

**Survey Presentations:**

A block of lectures in the course will be dedicated to more advanced topics. This part of the course will consist of presentations by both the instructor and by the students. Each student will prepare and present one survey. More details on the survey assignment, including list of topics, can be found in the Survey Handout. That page also includes a list of papers for each topic. The papers from a previous offering can be found on the schedule for the student talks can be found on the Survey Papers page.

The dates for survey presentations will be announced on the web site once the student teams have selected their topics.

The survey lectures are part of the course, and the material presented in the presentations will be covered in the homeworks and final. Specifically, the slides used in the survey presentation and one of the papers on the reading list, should be studied to prepare for the final. Both the slides and the selected paper can be found in the table with the course schedule.

The education goals for the survey presentations include a recognition of the need for, and an ability to engage in life-long learning; and an ability to communicate effectively.

**Grading Algorithm:**

10%	Homework
5% and 25%	Projects
10%	Survey Talk
20%	Midterm
30%	Final













**Center for Student Diversity and Inclusion:** [csdi@andrew.cmu.edu](mailto:csdi@andrew.cmu.edu), (412) 268-2150,  
[www.cmu.edu/student-diversity](http://www.cmu.edu/student-diversity)  
**Report-It online anonymous reporting platform:** [www.reportit.net](http://www.reportit.net) username: *tartans*  
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All reports will be acknowledged, documented and a determination will be made regarding a course of action.” All experiences shared will be used to transform the campus climate.