Senior Projects for CpE, EE, and CSE majors

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What is Senior Project

- 2-quarter sequence to build a project
 - mostly some kind of embedded systems
 - plus one quarter for writing
- Purpose
 - hands-on experience to solve a real problem
 - team work

How are projects picked?

- Faculty defined
 - in faculty's own area of expertise
 - in faculty's area of curiosity (but not expertise)
- Student defined
 - in student's own area of interest (challenging)
 - in student's own area of confidence (but may not be challenging)

Statistics from 2014-5

- Early September 2014:
 - Faculty that provided topics: 12
 - Faculty that did not provide topics: 16
- By December 2014
 - 34 teams were formed
 - 23 groups of 4, 10 groups of 3, 1 group of 5
 - 14 faculty participated

















What you should do

- Form your team (3-4 people)
 - Interdisciplinary: CpE, EE, CSE
 - Discuss possible project ideas
- Talk to faculty as a team
 - Look at project topics posted by faculty, if any
 - Find someone with similar interest
 - CpE, EE, or CS faculty

What to Expect in Senior Projects

- Team formation, project proposal (fall)
- Poster session (near end of fall)
- Weekly reports
- Demo video (end of winter)
- Expo day (last Friday of winter quarter)
 - Presentation to external members
 - poster and demo session
- Final report (finals week of winter quarter)