

The next step

EECE401

Senior Design I

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Schedule of the Last Week of the Semester

- Classes:
 - W Nov 20: Today's class
 - W Nov 27: No Class
 - W Dec 4:
 - Systems Engineering for Design Project
 - Guest Lecture by Jeff Volosin (NASA)
 - **Final Exam**
- Final Exam
 - W Dec 4th
 - All class notes posted and emailed
 - Project specifics

- Grading
 - **Individual Score (X): 40%**
 - Attendance (10%): only on-time arrival counts
 - Homework + Others (20%)
 - Final Exam (10%)
 - **Group Score (Y): 60%**
 - Class activities + Assignments (30%)
 - Proposal + Presentation (30%)
 - **Peer Evaluation Score (P): 0 – 1.0**
 - **FINAL SCORE (F)**
 - $F = X + Y * [0.6 + 0.4 * P]$
- Grades
 - A: 90 – 100
 - B: 80 – 89
 - C: 70 – 79
 - D: 60 – 69
 - F: 0 - 59

Schedule of the Last Week of the Semester

- Submissions
 - F Dec 6 (11:59pm via email):
 - (1) Revised Proposal (Docx file)
 - **TeamName_FinalProp.docx**
 - (2) Proposal Revision Statement (Docx file)
 - **TeamName_PropRevStatement.docx**
 - What has been changed
 - New things added
 - Revised and improved
 - etc
 - M Dec 9: Project Binder (5pm)
 - M Dec 9: Peer Evaluation (11:59pm via email) -- File name convention:
Peer_yourlastname.docx

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Sneak Preview of Next Semester

- The next step after Project Proposal
 - **January: Solution Generation**
 - Alternative Designs or Components or Methods
 - Decision Process to choose the top design
 - Winter-Break Achievement Presentation (The first class in January 2014)
 - **February: Implementation of the Project**
 - Implementation and Evaluation plan
 - Implementation and Progress
 - Progress Report Presentation
- **March: Completion of the Implementation**
 - **Completion of the implementation**
 - Multiple Progress Reports and Presentations (Class)
 - Testing and Evaluation

Planning

PLAN, PLAN, PLAN

- Good planning and knowing where you're going is 80 percent of your project's success, while the other 20 percent is the actual work.
- The planning phase should include a project map (milestones) with a list of all team members, individual responsibilities, their contact information, and whom they report to and when
- Plan for the winter break: will make or break your project ----- Class Activity
TODAY

Plan for the Winter Break

- Focus: Improvement in the solution (and alternative design, component, and method) of the project.
- Set the target your team wants to achieve during the winter-break
- Weekly plan to achieve the target for weekly activities:
 - December 16 – 20: ????
 - December 23 – 27: Holiday Week
 - December 30 – Jan 3: ????
 - Jan 6 – Jan 10: ????
 - W Jan 15: Presentation of the Winter Progress
- **Submit** team's plan for the winter break