ECE/RS-493
SENIOR ADVANCED DESIGN PROJECT

Meeting #3
Q1: Which teams finished their development effort?
Q2: Which teams are executing their Test Plan?
Is Your Work 100% Complete?
If not then your project is facing a disaster !!!

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>TIME</th>
<th>MILESTONE</th>
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<tbody>
<tr>
<td>• End of prototyping</td>
<td>Week 1</td>
<td>→ Class meeting #1</td>
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<td>Week 2</td>
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<td>• Full scale implementation</td>
<td>Week 6</td>
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<td>• Experimentation</td>
<td>Week 10</td>
<td>→ In-Progress Presentation</td>
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<td>• Final Reporting</td>
<td>Week 11</td>
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<td>• Preparation for final presentation</td>
<td>Week 12</td>
<td>→ Class meeting #3</td>
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<td>Week 13</td>
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<td>Week 14</td>
<td>→ Final Report and Oral Presentation</td>
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<td>Week 15</td>
<td>→ Project Poster</td>
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- Week 1:
  - End of prototyping
- Week 2:
  - End of prototyping
- Week 3:
  - Class meeting #1
- Week 4:
  - End of prototyping
- Week 5:
  - End of prototyping
- Week 6:
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  - Class meeting #2
- Week 7:
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- Week 8:
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- Week 9:
  - End of prototyping
- Week 10:
  - End of prototyping
  - In-Progress Presentation
- Week 11:
  - End of prototyping
- Week 12:
  - Class meeting #3
- Week 13:
  - End of prototyping
- Week 14:
  - Final Report and Oral Presentation
- Week 15:
  - Project Poster
Final Presentation

• You have 15 minutes for a presentation and 5 minutes for a discussion. You have to allocate time for discussion!

• Session Chair will strictly enforce time allocation!

• All must look and act professionally

• Everybody must stay through all presentations. Participate, ask questions, enjoy.

• All teams MUST copy presentation files to a room computer before their session.

• Don’t use your computer. DO NOT switch computers!

• It is recommended, you use a video to show your system in action. Real-time demos take too much time and can crash.
Presentation Format

• Introduction to a problem you solved (you must be sure the audience understands your problem)
• Short discussion of requirements
• Background phenomenology (!)
• Your approach supported by system architecture
• Functional decomposition and Level-2 design – in short
• Show detail circuits, algorithms, etc. – brief discussion only
• Testing approach, results, diagrams, and results discussion – this is the most important part of your presentation!
• Funds spent, man-hours devoted to the project, and statement of individual team member contributions
• Lessons learned
• Take short video(s) as you proceed with your implementation effort – but focus on results only
• Assembly a final video as a short one: 1 minute max
• Videos should not include marketing of your project and activities you were involved with
• Instead, it should show critical testing and results obtained
Project Poster

- Standard size (36”x24”), portrait orientation
- Project title
- List team members + Faculty Supervisor name
- Explain the project: from the need, design, to experiments and evaluation (tell the story)
- Use pictures, equations (!), diagrams, tables, etc.
- Don’t write too much – beyond absolutely necessary (few sentences)
- Before finalizing your poster
  - Ask your friends if they understand what is your project about
  - Don’t rely on your own judgment
- Deliver poster (format: pdf and jpeg) on a CD before the last class date