ECE 4898/4899 Senior Project

Proposal Presentation should include at least

- A title page slide giving the names of the student team members and the project advisor(s). The title page should include acknowledgement to the company that sponsored the project.
- Overview slides of what the presentation will cover. These will draw the audience in and prepares them for what will follow, as well as remind them of the project (it should be good enough for a rough introduction/review to those in the audience who are new to the project)
- A series of body slides which include –
  - At least two possible system designs, and a synthesis/analysis cycle leading to an optimal system choice for your project.
    - Analysis is key; your analysis should show how the system will meet requirements, specifications and standards
  - Outline of the major tasks and subtasks of the project
  - A block diagram(s) of the project, showing major components and subsystems to be dealt with. Those to be constructed, bought, or available in laboratories should be labeled accordingly
  - A flow chart showing software design.
  - Project test plan *and* equipment required for testing
  - A plan for project demonstration should be included.
  - Since this is a capstone design project, a slide on integrating knowledge learned in the coursework will be good
  - A Gantt chart slide showing time to be spent on different tasks and subtasks. Milestones should be shown with special symbols. The time lines for the various tasks and subtasks should also be coded to indicate which team member has primary responsibility. An equal balance of responsibilities should evident. You may need to show a close up of the next stage of the project to make details more visible and discuss
  - A refined project budget; it should be much closer to the final costs now
  - Results from a working prototype could be shown (not demonstrated) but is not required at this presentation
- A final slide which summarizes the project. This slide should recap the purpose of the project and in a marketing sense make it clear to the audience (perhaps viewed as your investors) that this work is worthy of funding.

The proposal presentation rubric is below

ECE4899 Senior Project Proposal Presentation Reviewer Evaluation

Title:	
Sponsor:	
Advisor:	
Reviewer:	

Team Member	(1=poor … 5=excellent)					Comments, Feedback
Name1	1	2	3	4	5	
Name2	1	2	3	4	5	
Name3	1	2	3	4	5	
Name4	1	2	3	4	5	
Name5	1	2	3	4	5	

Well organized presentation?	1	2	3	4	5	
Introduction and conclusion?	1	2	3	4	5	
Flow charts for system designs?	1	2	3	4	5	
At least two system designs?	1	2	3	4	5	
Analysis of the system designs	1	2	3	4	5	
Optimal system design chosen and justified?	1	2	3	4	5	
Changes to specifications etc. justified?	1	2	3	4	5	
Software flow charts?	1	2	3	4	5	
Project test plan complete, suitable?	1	2	3	4	5	
Demonstration plan discussed?	1	2	3	4	5	
budget refined based on system design?	1	2	3	4	5	
Work breakdown and schedule refined?	1	2	3	4	5	
Rate the overall quality of all analysis	1	2	3	4	5	
Rate the project feasibility	1	2	3	4	5	
Work distribution, is this a team?	1	2	3	4	5	
Is the project multidisciplinary?	1	2	3	4	5	