

Preliminary and Critical Design Reviews (PDR and CDR)

Preliminary Design Reviews (PDR): 5 minute presentation +1 min Q&A (if time permits)

Critical Design Reviews (CDR): 6.5 minute presentation and Q&A

Prepare ppt slides for a presentation to cover the following items:

1. First slide – your team member and project name
2. Introduction – Problem statement with system requirements
3. Proposed design
4. System build and test
5. Task Responsibilities and Timeline
6. Deliverables/Conclusion

Proposed design should include hardware and software elements. Be sure to tell us the additional components/modules you are going to use if you plan to meet Step A requirements. **A system block diagram is required.**

System build and test should include a description of how the parts will be assembled and how you plan to test to be sure the requirements are met.

Task Responsibilities and Timeline should include a timeline of how you expect to complete the project and a list of the tasks and who on the team is assigned for each task (*breakdown of the responsibilities of your team members*). While this may change as your team works on the project, it helps to ensure each member of the team will contribute to the project equally.)

Deliverables/Conclusion: what items will be available when the proposed work is completed and a short review of what you just presented.

Note: **PDR** can/will have less details in terms of the design, system build and time line.

CDR should have **more** details on the design (detailed circuit diagram, detailed block diagram, flowchart for your software/code), system build and test. The revised timeline and task responsibilities are also possible.

Assignment/Document	Presentation Date	D2L Submission Due Date
Preliminary Design Review (PDR) (10 pts)	Thurs November 6, 2014 (Team 201-210) Tues November 11, 2014 (Team 211-213)	Friday November 14 by 11:59 PM
Critical Design Review (CDR) (10 pts)	Thurs November 20, 2014 (Team 220-211) Tues November 25, 2014 (Team 210-201)	Friday November 28 by 11:59 PM

- Each member of the team must present at least 1 slide. Please practice and time your presentations ahead of time.
- Email me your PPT presentation by 8 AM on your presentation date. If you plan to bring your own laptop, let me know in advance (email).

