

COP 4935 CS Senior Design II

Critical Design Review Guidelines

Purpose: To provide for a review of your project design and evaluation of your work on your project progress to date. This formal group presentation of your project design status will provide a means for a critique by the instructor and students. The feedback on goals, specifications, design considerations, and alternatives provided by this forum can enhance your project and possibly provide design insight, solutions, and suggestions from the review audience not previously considered by the group. Additionally, this presentation will provide experience in group presentations that will enhance your ability to give an effective final presentation to your faculty project review committee. The content should address both technical and administrative issues.

Format: Each group is allocated 25 minutes to make their presentation. It is required that each member be a presenter of technical information and present at least their portion of the technical design of the project. The administrative information may be divided as desired by each group. The presentation will be followed by a 5 minute question and answer period, which is then followed by a 5 minute presentation evaluation review by the instructor.

Contents:

- project title, group number, project group members, and administrative introduction
- statement of project goals, objectives, specifications, and requirements
- overall project block diagram, or system design diagram
- discuss the project design approach and proposed implementation
- discuss and support significant design decisions and significant component decisions
- discuss project successes and difficulties for each project subsystem
- show the project budget and financing to date, and to the end of the project
- clear statement of current progress made by the group (% done by category)
- show the division of tasks among group members
- discuss the group's immediate plans for the successful completion of the project

Notes: The above is a guideline only and the presentation should reflect the project as necessary. You should make the presentation informative in a way that best fits your project.

You may bring prototype hardware to the presentation; however, this is not necessary and should be done only as an integral part of the presentation.

Your presentation will most likely consist of ~25-30 slide pages of content, using HTML, Microsoft PowerPoint, or any other electronic form which is compatible with the presentation room...