

## AME40463: Senior Design Project - Spring 2010

### **Functional Group Reports**

Beginning on Tuesday, Feb. 2 and periodically through the project, each Functional Group will prepare a brief status report and participate in a scheduled, informal meeting with one of the instructors during the design studio period. The schedule for the semester is posted along with the PDR schedule. The report and discussion should focus on technical or coordination issues related to the role of the functional group. The report will be graded and the grade will be part of an individual's Group Deliverables grade. All members of the Functional Group will receive the same grade and thus every effort should be made to share the responsibility for preparing the reports and participating in the discussions. If a student misses the Group meeting without an official University excuse, they will receive a grade of 0 for the week's report.

General guidelines for the Functional Group Report are:

1. The report should be typed and limited to three pages (12 pt font, double spaced).
2. The report should include sections with headings that address the following items:
  - a. Outstanding technical issues common to all team platforms and related to the functional group's responsibilities and plans to address those issues.
  - b. Outstanding technical issues related to specific (not all) team platforms and related to the functional group's responsibilities and plans to address those issues.
  - c. Review of the role of the Functional Group in the assisting the Platform teams in meeting the Engineering Design Requirements to be tested during the Performance Evaluation Tests and an assessment of the probability of each of the Team's platforms satisfying each of the Engineering Design Requirements.
  - d. Summary of coordination efforts with the other functional groups on the Team.

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### Functional Group Report - Grading Criteria

Team: \_\_\_\_\_ Functional Group: \_\_\_\_\_

Score: \_\_\_\_\_

Possible Total Rating - 30 pts

1. Format and presentation: 5 pts
  - a. Complies with page limit
  - b. Sections properly labeled
  - c. Reasonable proof reading
  
2. Outstanding technical issues common to all Team platforms 5 pts
  - a. Statement of issues and anticipated role of Functional Group
  - b. Plans for addressing the issues
  
3. Outstanding technical issues specific to individual Team platforms 5 pts
  - a. Statement of issues and anticipated role of Functional Group
  - b. Plans for addressing the issues
  
4. Compliance with Engineering Design Requirements 10 pts
  - a. Includes consideration of all design requirements and Group's responsibilities
  - b. Qualitative probability assessment (high, moderate, low)
  
5. Coordination efforts with other Functional Groups 5 pts
  - a. Issues of concern
  - b. Plans to address the concerns
  - c. Individuals responsible for the coordination

Evaluator's Comments: