SYST 101: Intro to Systems

Lecture 15

Mar. 18, 2002

C. Wells, SEOR Dept.

Announcements

Agenda

- Midterm Review

- Project Phase I Grades

- Project Phase II Rules and Procedures

Score Distribution

- Mid-Term Exam
  - mean   68
  - std dev   13
- Pop Quiz 1
  - mean   66
  - std dev   30
- Project 1
  - mean   89
  - std dev   6
- Total Mid-term
  - mean   75
  - std dev   12

Phase II Project Rules and Procedures

- Goals: Run both courses (long and short – details to follow)

- Test Dates

  – Groups 1-4: Tuesday, April 22

  – Groups 5-9: Thursday, April 24

- Project Notebooks

- Documentation Package

Project Notebooks

- Required

- To be submitted End of March and After Final Testing

- An entry must be made in your notebook for each team meeting:
  - Date
  - Team members present (each must sign). Governed by the Honor Code
  - Work accomplished

Documentation Package

- System engineering approach used
- Member roles and division of work
- Design of the robot
  - Architecture
  - How to build it
  - How to control it
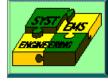- Tests performed on the robot
- Lessons Learned

Grade Based On Team Score

- Your team will get a grade based on
  - the robot's performance
  - The team notebook
  - Documentation package
- Relative weights TBD
- Oral presentation TBD

Assignments

- Reading
  - Petroski, Chapter 5, "Aluminum Cans and Failure"

- Homework.
  - To be assigned next class.