Introduction to Engineering I
Lecture 8

Midterm Exam Friday 1:50 – 3:20 PM
Schedule for Second Half Semester
Example Presentations
Studio Problems
Midterm Exam on Friday

• Bring a ruler and a calculator
• You may also bring one page of notes (both sides)
  • You can write anything you want on your paper
  • You do not need to list unit conversions
  • You need to know standard SI units and prefixes (e.g., 1 km = 1000 m)
• Exam is closed book, closed notes, closed computer
• Important: if you don’t understand a word on the exam, ASK US! We will help you.
• More information – see page on class website.
Second Half Semester

• All classes will meet once per week
  • Section 01 Tuesday
  • Section 02 Wednesday
  • Section 03 Thursday

• Schedule:
  • 1:50 – 4:25 Lecture/Studio (as before)
  • Before 4:30 Load Presentations on Computer
  • 4:30 – 6:10 Team Presentations
Team Presentations

- All teams must prepare presentations each week
- Presentations are based on Studio Problems from the previous week
  - Prepare presentations for all studio problems
  - Be prepared to present any of the problems
  - 5 – 6 teams will present each week
- Presentations will begin Week 9 (week of November 21)
  - Presentations will be evaluated by instructors AND your classmates
  - After each presentation, answer three clicker questions
Presentation Guidelines

- Follow the instructions as described in the syllabus
  - Introduce yourself and your team members.
  - State the problem, your assumptions, and the theory you used.
  - Assume your audience is unfamiliar with the problem.
  - Comment on your solution, and describe how you verified it.
  - Speak LOUDLY and clearly.

- Target length: 10 minutes + 5 minutes for questions

- Be prepared:
  - For questions
  - For technology breakdown
The Best Component of this Presentation

1. Speech Clarity
2. Problem Statement
3. Clear and Adequate Assumptions
4. Adequate Theory, Data, and Diagrams
5. Clear Solution Steps
6. Adequate Validations and Verifications
7. Discussion and Q&A
The Following Component Could be Improved

1. Speech Clarity
2. Problem Statement
3. Clear and Adequate Assumptions
4. Adequate Theory, Data, and Diagrams
5. Clear Solution Steps
6. Adequate Validations and Verifications
7. Discussion and Q&A
Overall Rating of This Presentation

1. Fair Presentation – I have a lot of suggestions how to make it better!

2. Very Good! - I have only few suggestions how to make it better!

3. Excellent Presentation! - I have No suggestions! Cannot make it any better!