1 Welcome to Phys 110!
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Class: MWF 11:25-12:15
Office Hours: MWF 1:30-2 or by appointment

2 What is Physics?
• Divide into groups
  (5 - 7 students)
• Talk amongst yourselves
• Formulate an answer in each group...

3 What do you expect to learn?
• Discuss in groups and present answers.

4 Teaching Philosophy
• You learn best by doing
• You will be active learners!
  • reading
  • working problems
  • discussing with neighbors
  • teaching peers
  • laboratory

5 Group / Cooperative Learning
• Think-Pair-Share
• Group problems
• Group discussions
• Working together on homework is recommended
  • discuss problems
  • write your own solutions

6 Course Design & Grading
• Other 20%
  • Reading Quizzes
  • Homework
  • In-class problems
• Tests 40%
  • 2 Quizzes (5% each)
  • 2 Exams (15% each)
• Laboratory 20%
You must pass lab to pass class!

- Final Exam 20%

7 Textbook

- Giancoli, Physics
  Sixth Edition
- Reading
- Homework assignments
- Some in-class problems
- Additional resources
  - Student Study Guide, Vol 1

8 Notes

- My slides will be posted on the web.
  - will try to post BEFORE class
  - not everything is in handouts!!!
- You need paper for working out in-class problems as well as additional material not covered in slides.
- Calculator!!!
- Binder is a good option.

9 Attendance Policy

- Students are expected to attend all classes and are responsible for all material covered in class, even when absent.
- Students should understand that some material discussed in class is not covered in the textbook.
- In-class problems and reading quizzes can not be made up.

10 Homework

- Read Chapter 1, all sections
- First reading quiz on Friday!
  - sample reading quiz
- Questions and problems that accompany each lecture are listed on the web.
  - NOTE: Test questions will closely reflect homework questions and in-class problems!!!