PHYS 1441 – Section 001 Lecture # 13

Monday, June 23, 2008
Dr. Jaehoon Yu

- Exam problem solving

Today's homework is homework #8, due 9pm, Friday, June 27!!

Announcements

- Mid-term exam results
  - Class Average: 50.3/98
    - Equivalent to: 51.3/100
    - Previous exam: 64.1/100
  - Top score: 84/98

- Quiz Thursday, June 26
  - Beginning of the class
  - Covers what we learn by Wednesday, June 25

- Don't forget the Mid-term grade discussions
  - Today at the bottom half of the class

- Final exam
  - 8 – 10am, Monday, June 30, in SH103
  - Comprehensive exam: Covers CH 1 – What we finish this Thursday, June 26

Evaluation Policy

- Homework: 30%
- Term Exams: 20%
  - The worse one will be dropped from the final grade
- Final Comprehensive Exam: 25%
- Lab score: 15%
- Pop-quizzes: 10%
- Extra credits: 10% of the total
- Grading done on a sliding scale

Reminder: Extra-Credit Special Project

- Derive the formula for the final velocities of the two objects which underwent an elastic collision as a function of known quantities m_1, m_2, v_{01} and v_{02} in page 21 of this lecture note. Must be done in far greater detail than what is covered in the lecture note.
  - 20 points extra credit

- Describe in detail what happens to the final velocities if $m_1 = m_2$.
  - 5 point extra credit

- Due: Start of the class next Wednesday, June 25