

Lecture 15

Pre-Lecture Preparation (due within the first 5 minutes of class):

- Read pages 211-231
- Quick Quizzes: 8.1 – 8.5
- Ch 8 Problems: 7 & 22
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Goals for the Lecture:

- 1) Use Conservation of Energy to solve problems
- 2) Understand how defining your system can change external forces and potential energies

Post-Lecture Study Guide:

Review the worksheets or other lecture material within 24 hours (preferably the same day as the lecture) to reinforce the ideas.

Do problems:

Ch 8: Objective Questions: 2 and 4

Ch 8: Problems: 15, 63, and 64

Continue with the additional recommended study problems from chapter 8