

Lecture 14

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

- Read pages 188-201
- Quick Quizzes: 7.5 – 7.8
- Ch 7 Conceptual Questions: 10
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Goals for the Lecture:

- 1) Use the Work – Kinetic Energy Theorem to solve problems
- 2) Understand how defining your system can affect the work done on the system or by the system
- 3) Calculate kinetic and potential energy

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 7: Objective Questions: 8 and 14

Ch 7: Problems: 33, 34, and 63

Continue with the additional recommended study problems from chapter 7