

Lecture 12

Pre-Lecture Preparation:

- Read pages 252 – 259
- Do Problems and Exercises (p. 279-280) 10, 18, and 24

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: Conceptual Questions: 8

Ch 7: Problems and Exercises: 13 and 22

Continue with the additional recommended study problems from chapter 7