

Lecture 15

Pre-Lecture Preparation:

- Read pages 294 – 303
- Do the Conceptual Questions (p. 308): 9, 10, 15, and 16
- Do Problems and Exercises (p. 311) 24 and 28

Goals for the Lecture:

- 1) Solve problems requiring both energy and momentum – know how to split the problem and when to use energy and when to use momentum
- 2) Solve 2-D collision problems using momentum

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: Conceptual Questions: 13

Ch 8: Problems and Exercises: 26 and 31

Continue with the additional recommended study problems from chapter 8