

Lecture 4

Pre-Lecture Preparation:

- Read pages 110 – 112 (this is on vector addition)
- Read pages 113 – 119 (this is on velocity addition)
- Do the Conceptual Questions (p. 124) 19 and 20
- Do Problems and Exercises (p. 128-129) 45 and 58

Goals for the Lecture:

- 1) Be able to solve 2-D kinematics problems (constant acceleration)
- 2) Be able to solve velocity addition problems

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 2: 37, 59, and 65

Continue with the additional recommended study problems from chapter 2