

## Lecture 5

### Pre-Lecture Preparation:

- Read pages 96 – 98 (velocity addition)
- Do the example problem 4.8 on p. 97
- Do book problem 4-25 (2-D kinematics)

### Goals for the Lecture:

- 1) Be able to solve 2-D kinematics problems (constant acceleration) using the equations and a graphical approach
- 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 4: 44, 45, 50, and 60

Continue with the additional recommended study problems from chapter 4