

Lecture 4

Pre-Lecture Preparation:

- Read pages 78 – 83 (this shows the graphical method of solving 2-D kinematics problems) [pay particular attention to p. 81 – 83]
- Read pages 84 – 90 (this shows the equation method of solving 2-D kinematics problems)
- Do the example problem 4.4 on p. 89
- Answer the Quick Quiz questions (4.1, 4.2, and 4.3)

Goals for the Lecture:

- 1) Be able to solve 2-D kinematics problems (constant acceleration) using the equations and a graphical approach

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: 13 and 23

Continue with the additional recommended study problems from chapter 4