

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Physics

Physics 8.01X

Fall Term 2002

SYLLABUS WEEK 5

Text: H. D. Young and R. A. Freedman, *University Physics*, 10th Edition, Addison-Wesley, Reading Mass (2000).

Saturday Sept 28 Optional Review Session

4-6 pm in 4-370 covering Quiz 1 material

Monday Sept 30 QUIZ 1: Experiments ES and FO, Estimation, Fermi problems, 1D and 2D kinematics, projectile motion, Newton's Laws

Wednesday Oct 2 Lecture 11: Newton's Laws, spring forces, tension
Hand out Experiment CF, due Oct 18

Friday Oct 4 Lecture 12: Uniform circular motion

Hand out Problem Set 5, due Oct 11

Readings: YF Chapter 5.5, pp. 139-144.

Due Dates:

Sept 28, 5 pm: Extended deadline for CyberTutor Assignment 3

Oct 1, 10 pm: CyberTutor Assignment 4 (review, for *practice only*)

Oct 4, 4 pm, 4-339B: Problem Set 4

No experiment to check off this week