

MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
Department of Physics

Physics 8.01X

Fall Term 2001

## SYLLABUS WEEK 3

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

**Monday Sept 17 Holiday**

**Wednesday Sept 19 Lecture 6:** More on acceleration, intro to Newton's laws, force, mass and acceleration

Hand out Experiment FO, due Sept 28

Readings: YF Chapter 1.8-1.10, pp. 10-18, Chapter 3.1-3.3 pp. 61-68, Chapter 4.1-4.6, pp. 91-110.

**Friday Sept 21 Lecture 7:** Newton's Laws of motion, force, mass and acceleration

Hand out Problem Set 3, due Sept 28

Readings: YF Chapter 4.1-4.8, pp. 92-114.

**Due Dates:**

Sept 16, 10 pm: CyberTutor Assignment 3

Sept 18, 10 pm: CyberTutor Assignment 4, **Problem Set 1 and Experiment Flow new due date**

Sept 21, 5 pm, 4-339B: Project LVPS, Problem Set 2

**Note check-off of Project LVPS in 16-168 required this week**