

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Physics

Physics 8.01X

Fall Term 2001

SYLLABUS WEEK 4

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

Monday Sept 24 Lecture 8: Newton's Laws, gravitation and weight, projectiles

Readings: YF Chapter 3.4, pp. 68-75.

Wednesday Sept 26 Lecture 9: Newton's Laws, normal forces and friction

Hand out Experiment MF, due Oct 12

Readings: YF Chapter 5.1-5.4, pp 120-139.

Friday Sept 28 Lecture 10: Review, applications of Newton's Laws

Hand out Problem Set 4, due Oct 5

Due Dates:

Sept 23, 10 pm: CyberTutor Assignment 5

Sept 25, 10 pm: CyberTutor Assignment 6

Sept 28, 5 pm, 4-339B: Experiment FO, Problem Set 3