

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Physics

Physics 8.01X

Fall Term 2002

SYLLABUS WEEK 7

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

Monday Oct 14 Columbus Day Holiday

Wednesday Oct 16 Lecture 16: Work and kinetic energy

Readings: YF Chapter 6.1-6.4, pp. 164-181.

Friday Oct 18 Lecture 17: Conservation laws, potential energy

Readings: YF Chapter 7.1-7.2, pp. 194-203.

Hand out Problem Set 7, due Oct 25

Due Dates:

Oct 14, 10 pm: CyberTutor Assignment 6

Oct 18, 4 pm, 4-339B: Experiment CF, Problem Set 6

Experiment CF check-off this week