

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Physics

Physics 8.01X

Fall Term 2001

SYLLABUS WEEK 12

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

Monday Nov 19: QUIZ 2 In Class

Covers: Experiments ET and VS, estimation, work, kinetic and potential energy, conservation laws, simple harmonic motion, momentum, center of mass, collisions.

Wednesday Nov 21 Lecture 28: Rotational dynamics

Readings: YF Chapter 10.4-10.7, pp. 301-314

Friday Nov 23: Thanksgiving Holiday

Due Dates:

Nov 18, 10 pm: CyberTutor review assignment (for practice only)

Nov 20, 10 pm: CyberTutor Assignment 20