

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Physics

Physics 8.01X

Fall Term 2001

SYLLABUS WEEK 6

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

Monday Oct 8: Columbus Day Holiday

Wednesday Oct 10 Lecture 13: Circular motion, universal law of gravitation, planetary orbits

Hand out Experiment CF, due Oct 19

Friday Oct 12 Lecture 14: Levers, statics and torque

Hand out Problem Set 6, due Oct 19

Readings: YF Chapter 1.11, pp. 21-23, Chapter 10.1-10.3, pp. 294-301, Chapter 11.1-11.4, pp. 329-337.

Due Dates:

Oct 7, 10 pm: CyberTutor Assignment 8

Oct 9, 10 pm: CyberTutor Assignment 9

Oct 12, 5 pm, 4-339B: Problem Set 5, Experiment MF