

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Physics

Physics 8.01X

Fall Term 2002

SYLLABUS WEEK 6

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

Monday Oct 7 Lecture 13 Circular motion, universal law of gravitation, planetary orbits

Wednesday Oct 9 Lecture 14: Levers, statics and torque
Readings: YF Chapter 1.11, pp. 21-23, Chapter 10.1-10.3, pp. 294-301, Chapter 11.1-11.4, pp. 329-337.
Hand out Experiment CF, due Oct 18

Friday Oct 11 Lecture 15: Statics and torque
Hand out Problem Set 6, due Oct 18

Due Dates:

Oct 8, 10 pm: CyberTutor Assignment 5

Oct 11, 4 pm, 4-339B: Experiment MF, Problem Set 5

Experiment MF check-off this week