

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Physics

Physics 8.01X

Fall Term 2001

SYLLABUS WEEK 11

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

Monday Nov 12 : Veteran's Day Holiday

Wednesday Nov 14 Lecture 26: Angular kinematics, torque, rigid bodies, moment of inertia

Readings: YF Chapter 9.1-9.5, pp. 268-281, Chapter 10.3, pp. 297-301

Hand out Experiment AM, due Nov 30

Friday Nov 16 Lecture 27: Moment of inertia, angular momentum

Readings: YF Chapter 9.6-9.7, pp. 281-285, Chapter 10.6, pp. 309-311

Hand out Problem Set 11, due Nov 30

Due Dates:

Nov 11, 10 pm: CyberTutor Assignment 17

Nov 13, 10 pm: CyberTutor Assignment 18

Nov 16, 5 pm, 4-339B: Problem Set 10, Experiment VS

Note: Experiment VS check-off not required