

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Physics

Physics 8.01X

Fall Term 2001

SYLLABUS WEEK 10

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

Monday Nov 5 Lecture 23: Momentum, center of mass
Readings: YF Chapter 8.6, pp. 246-249.

Wednesday Nov 7 Lecture 24: Momentum, collisions
Readings: YF Chapter 8.4-8.5, pp. 238-246.
Hand out Experiment VS, due Nov 16

Friday Nov 9 Lecture 25: Collisions, kinetic theory
Hand out Problem Set 10, due Nov 16

Due Dates:

Nov 4, 10 pm: CyberTutor Assignment 15

Nov 6, 10 pm: CyberTutor Assignment 16

Nov 9, 5 pm, 4-339B: Problem Set 9