

Course Outline

<u>Week</u>	<u>Topic</u>	<u>Chapters from Halliday, Resnick & Walker</u>
Aug. 31	Introduction	
Sept. 3	Motion in a Straight Line	2
Sept. 10	Motion in a Plane	3 & 4
Sept. 17	Forces and Motion	5
Sept. 24	Forces and Motion continued	6
	EXAM I September 26 (Wed.)	
Oct. 1	Work and Energy	7
Oct. 8	Conservation of Energy	8
Oct. 15	Systems of Particles and Center of Mass	9
	FALL BREAK	
Oct. 29	Collisions	10
	EXAM II November 2 (Fri.)	
Nov. 9	Rotational Motion	11, 12
Nov. 12	Angular Momentum	12, 13
Nov. 19	Gravity and Oscillations	14, 16
Nov. 26	Waves	17, 18
Dec. 3	Fluids	15
	EXAM III December 5 (Wed.)	
Dec. 10	Thermodynamics	19, 21

(over)

Physics 131

**Fall 2001
Mr. Case**

The text for this course is Halliday, Resnick & Walker, Fundamentals of Physics, Extended, Sixth Edition.

There will be three in-class exams, plus a final exam. An equation sheet will be supplied for each exam. Use of a calculator on the exams is allowed (and encouraged). The weight of each component in determining the final grade is shown below:

	<u>Max.</u>
3 one-hour exams @100	300
Problem sets	100
Laboratory*	100
Final exam	<u>150</u>
TOTAL	650

*The laboratory component of this course is very important. Absence from more than three lab sessions without a satisfactory excuse will lead to failure in the course.