

PHYS 211 Lecture Schedule

Fall 2010 - Section 1 - Gladden

(subject to change)

Date	Subject	Reading	Recitations / Reviews
Aug 23	Physics and Measurement	Chapter 1	
25	Motion in One Dimension	Chapter 2	
27	Motion in One Dimension	Chapter 2	
30	Vectors	Chapter 3	
1	Motion in Two Dimensions	Chapter 4	
Sep 3	Motion in Two Dimensions	Chapter 4	
6	(* Labor Day Holiday *)		
8	The Laws of Motion	Chapter 5	
10	The Laws of Motion	Chapter 5	
13	Circular Motion and Other Applications	Chapter 6	
15	Energy of a System	Chapter 7	
17	Test 1 (Chapters 1–5)		
20	Energy of a System	Chapter 7	
22	Conservation of Energy	Chapter 8	
24	Conservation of Energy	Chapter 8	
27	Linear Momentum and Collisions	Chapter 9	
29	Linear Momentum and Collisions	Chapter 9	
Oct 1	Rotation About a Fixed Axis	Chapter 10	
4	Test 2 (Chapters 6–9)		
6	Rotation About a Fixed Axis	Chapter 10	
8	Angular Momentum	Chapter 11	
11	Angular Momentum	Chapter 11	

13	Static Equilibrium and Elasticity	Chapter 12	
15	Universal Gravitation	Chapter 13	
18	Universal Gravitation	Chapter 13	
20	Fluid Mechanics	Chapter 14	
22	Test 3 (Chapters 10–13)		
25	Fluid Mechanics	Chapter 14	
27	Oscillatory Motion	Chapter 15	
29	Oscillatory Motion	Chapter 15	
Nov 1	Wave Motion	Chapter 16	
3	Sound Waves	Chapter 17	
5	Sound Waves	Chapter 17	
8	Superposition of Standing Waves	Chapter 18	
10	Superposition of Standing Waves	Chapter 18	
12	Test 4 (Chapters 14–17)		
15	Temperature	Chapter 19	
17	The First Law of Thermodynamics	Chapter 20	
19	The First Law of Thermodynamics	Chapter 20	
22	(* Fall / Thanksgiving Break *)		
24	(* Fall / Thanksgiving Break *)		
26	(* Fall / Thanksgiving Break *)		
29	The Kinetic Theory of Gases	Chapter 21	
Dec 1	The Kinetic Theory of Gases	Chapter 21	
3	Heat Engines, Entropy, and the 2nd Law	Chapter 22	
Dec 10	Friday, 12:00 noon – 3:00 pm, Final Exam (see also the UM Final Exam Schedule)		