

Tentative Syllabus

Unit 1: Force and Motion

9/2	Introduction, Chapter 1
9/4, 9/6	Chapter 2: 1D motion
9/9, 9/11, 9/18	Chapter 3: vectors, 2D motion
9/16, 9/18, 9/20	Chapter 4: the laws of motion

Unit 2: Conservation Laws, Circular Motion, States of Matter

9/23, 9/25, 9/27	Chapter 5: work and energy
9/30	Hour exam #1 (chapters 1 - 4)
10/2, 10/4	Chapter 6: momentum and collisions
10/7, 10/8	Trinity Days
10/9, 10/11, 10/14, 10/16	Chapter 7: circular motion, law of gravity
10/18, 10/21, 10/23	Chapter 8: rotational equilibrium, rotational dynamics
10/25, 10/28	Chapter 9: solids and fluids

Unit 3: Thermodynamics and Waves

10/30, 11/1	Chapter 10: thermal physics
11/4	Hour Exam # 2 (chapters 5 - 9)
11/6, 11/8	Chapter 11: heat
11/11, 11/13, 11/15	Chapter 12: laws of thermodynamics
11/18, 11/20, 11/22	Chapter 13: vibrations and waves
11/25	Chapter 14: sound
11/27 - 11/29	Thanksgiving
12/2, 12/4	TBA
12/6	Hour Exam # 3 (chapters 10 - 14)