

Date	Day	Event	Information
8-Jan-13	Tue	Lecture 1	Organization/Information
10-Jan-13	Thu	Lecture 2	Chapter 1.1-2.3: Introduction, Position, Displacement, Velocity, Acceleration
15-Jan-13	Tue	Lecture 3	Chapter 2.4-2.6: Linear Motion, Free Fall
17-Jan-13	Thu	Lecture 4	Chapter 3.1-3.4: Motion in a Plane
19-Jan-13	Sat	Homework	On-Line HW Set 1 due by 11:00pm: Chapter 1.1-2.6 (1-4, 1-9, 1-54, 2-3, 2-25, 2-29, 2-31, 2-39, 2-46, 2-55)
22-Jan-13	Tue	Lecture 5	Chapter 3.5-3.6: Constant Acceleration, Relative Velocity
24-Jan-13	Thu	Lecture 6	Chapter 4.1-4.4: Force, Inertia, Newton's Laws
26-Jan-13	Sat	Homework	On-Line HW Set 2 due by 11:00pm: Chapter 3.1-3.6 (3-4, 3-15, 3-22, 3-32, 3-44, 3-46, 3-62, 3-67, 3-74, 3-93)
29-Jan-13	Tue	Lecture 7	Chapter 4.5-4.7: Gravity, Contact Forces, Tension
31-Jan-13	Thu	Lecture 8	Chapter 4.8-4.12: Applying Newton's Laws, Weight
2-Feb-13	Sat	Homework	On-Line HW Set 3 due by 11:00pm: Chapter 4.1-4.7 (4-3, 4-22, 4-26, 4-49, 4-57, 4-63, 4-67, 4-73, 4-75, 4-78)
5-Feb-13	Tue	Lecture 9	Chapter 5.1-5.3: Uniform Circular Motion, Radial Acceleration
7-Feb-13	Thu	Lecture 10	Chapter 5.4-5.7: Circular Orbits, Tangential & Angular Acceleration
9-Feb-13	Sat	Homework	On-Line HW Set 4 due by 11:00pm: Chapter 4.8-5.3 (4-87, 4-95, 4-99, 4-112, 4-134, 5-6, 5-7, 5-15, 5-20, 5-21)
12-Feb-13	Tue	Lecture 11	Chapter 6.1-6.4: Energy Conservation, Kinetic Energy, Gravitational Potential Energy
14-Feb-13	Thu	Lecture 12	Chapter 6.5-6.8: Hooke's Law, Elastic Potential Energy, Power
16-Feb-13	Sat	Homework	On-Line HW Set 5 due by 11:00pm: Chapter 5.4-6.8 (5-37, 5-41, 5-44, 5-82, 6-13, 6-25, 6-32, 6-34, 6-45, 6-87)
19-Feb-13	Tue	Lecture 13	Review
20-Feb-13	Wed	Exam 1	Chapter 1.1-6.8: 8:20pm-10:10pm
21-Feb-13	Thu	Lecture 14	Chapter 7.1-7.4: Momentum, Impulse. Conservation of Momentum
26-Feb-13	Tue	Lecture 15	Chapter 7.5-7.8: Center-of-Mass, Collisions
28-Feb-13	Thu	Lecture 16	Chapter 8.1-8.3: Rotational Kinetic Energy, Rotational Inertia, Torque
2-Mar-13	Sat	Homework	On-Line HW Set 6 due by 11:00pm: Chapter 7.1-7.8 (7-6, 7-9, 7-24, 7-25, 7-28, 7-36, 7-43, 7-48, 7-57, 7-91)
5-Mar-13	Tue	Holiday	*** Spring Break No Classes ***
7-Mar-13	Thu	Holiday	*** Spring Break No Classes ***
12-Mar-13	Tue	Lecture 17	Chapter 8.4-8.6 (skip 8.5): Rotational Equilibrium, Rotational Form of Newton's 2nd Law
14-Mar-13	Thu	Lecture 18	Chapter 8.7-8.9: Rolling Objects, Angular Momentum
16-Mar-13	Sat	Homework	On-Line HW Set 7 due by 11:00pm: Chapter 8.1-8.6 (8-2, 8-5, 8-13, 8-19, 8-25, 8-28, 8-33, 8-37, 8-48, 8-49)
19-Mar-13	Tue	Lecture 19	Chapter 9.1-9.6: States of Matter, Pascal's Principle, Buoyancy
21-Mar-13	Thu	Lecture 20	Chapter 9.7-9.8 (skip 9.9-9.11): Fluid Flow, Bernoulli's Equation
23-Mar-13	Sat	Homework	On-Line HW Set 8 due by 11:00pm: Chapter 8.7-9.6 (8-61, 8-62, 8-68, 8-72, 8-91, 9-4, 9-6, 9-17, 9-19, 9-40)
26-Mar-13	Tue	Lecture 21	Chapter 10.1-10.4: Elastic Deformation, Stress, Strain (skip Shear)
28-Mar-13	Thu	Lecture 22	Chapter 10.5-10.8 (skip 10.9-10.10): Simple Harmonic Motion, The Pendulum
30-Mar-13	Sat	Homework	On-Line HW Set 9 due by 11:00pm: Chapter 9.7-10.8 (9-41, 9-47, 9-51, 9-84, 9-97, 10-5, 10-20, 10-27, 10-35, 10-61)
2-Apr-13	Tue	Lecture 23	Review
3-Apr-13	Wed	Exam 2	Chapter 7.1-10.8: 8:20pm-10:10pm

4-Apr-13	Thu	Lecture 24	Chapter 11.1-11.6: Waves, Energy Transport
9-Apr-13	Tue	Lecture 25	Chapter 11.7-11.8: Reflection & Refraction
11-Apr-13	Thu	Lecture 26	Chapter 11.9-11.10: Interference & Diffraction, Standing Waves
13-Apr-13	Sat	Homework	On-Line HW Set 10 due by 11:00pm: Chapter 11.1-11.8 (11-1, 11-3, 11-4, 11-9, 11-12, 11-13, 11-16, 11-22, 11-34, 11-36)
16-Apr-13	Tue	Lecture 27	Chapter 12.1-12.5: Sound Waves, Amplitude, Intensity
18-Apr-13	Thu	Lecture 28	Chapter 12.7-12.8 (skip 12.6 & 12.9): The Doppler Effect
20-Apr-13	Sat	Homework	On-Line HW Set 11 due by 11:00pm: Chapter 11.9-12.8 (11-39, 11-41, 11-42, 11-49, 11-55, 12-3, 12-10, 12-12, 12-35, 12-44)
21-Apr-13	Sun	Review	Comprehensive Review 2:00pm-4:00pm
23-Apr-13	Tue	Lecture 29	Course Evaluation
24-Apr-13	Wed	Make-Up Exam	Chapter 1.1-12.8: 5:10pm-7:00pm
27-Apr-13	Sat	Final Exam	Chapter 1.1-12.8: 12:30pm-2:30pm