DATE	SECTIONS	PH 1111 DISCUSSION TOPICS
Th, 8/28	1-1 to 1-7	Intro to Course; Measurement; International System of Units; Changing Units; Length; Time; Mass; Density
F, 8/29	3-1 to 3-8 SURVEY	Vectors and Scalars; Adding Vectors; Components, Unit Vectors, Multiplying Vectors SURVEY FOR GROUP WORK DUE IN LECTURE
M, 9/1	NO CLASS	LABOR DAY (NO SCHOOL, NO CLASSES)
T, 9/2	IS 1	Interactive Set 1: Vectors
W, 9/3	2-1 to 2-10 PRE TEST	Motion; Position and Displacement; Average Velocity and Average Speed; Instantaneous Velocity and Speed; Acceleration; Constant Acceleration; Free Fall MANDATORY PRE TEST (IN LAB)
Th, 9/4	GP, 4-1 to 4-4 PRE TEST	Group Problems on Position and Displacement; Average Velocity and Instantaneous Velocity; Average Acceleration and Instantaneous Acceleration; Projectile Motion; Uniform Circular Motion; Relative Motion in One Dimension MANDATORY PRE TEST (IN LAB)
F, 9/5	4-5 to 4-8 HW 1 DUE	Projectile Motion; Uniform Circular Motion; Relative Motion in One Dimension HOMEWORK ONE DUE IN LECTURE
M, 9/8	EXAM I	EXAM I (Chapter 1, Chapter 2, Chapter 3, Chapter 4)
T, 9/9	GP, L1, 5-1 to 5-6	Group Problems on Newtonian Mechanics and Introduction to Newton's Laws LAB 1
W, 9/10	5-7 to 5-9, L1	Newtonian Mechanics; Newton's First Law; Force; Newton's Second Law; Forces; Newton's Third Law LAB 1
Th, 9/11	IS 2, L2	Interactive Set 2: Newton's Second Law LAB 2
F, 9/12	6-1 to 6-5 L2	Friction; Drag Force and Terminal Speed; Uniform Circular Motion LAB 2
M, 9/15	HW 2 DUE, 7-1 to 7-5	Work and Energy HOMEWORK TWO DUE IN LECTURE
T, 9/16	IS 3, L3	Interactive Set 3: Uniform Circular Motion LAB 3
W, 9/17	7-6 to 7-8, L3	Work done by the Gravitational Force; Work done by the Spring Force; Work done by Variable Force LAB 3
Th, 9/18	IS 4, L4	Interactive Set 4: Work and Energy LAB 4
F, 9/19	8-1 to 8-8 L4	Work and Potential Energy; Conservative Forces; Conservation of Mechanical Energy; Work done on a system by an external force; Conservation of Energy LAB 4
M, 9/22	HW 3 DUE	Review for Exam II HOMEWORK 3 DUE IN LECTURE
T, 9/23	IS 5, L5	Interactive Set 5: Conservation of Energy LAB 5
W, 9/24	L5, EXAM II	EXAM II (Chapter 5, Chapter 6, Chapter 7, Chapter 8) LAB 5
Th, 9/25	L6, GP, 9-1 to 9-6	Group Problems on Center of Mass; Newton's Second Law for a System of Particles; Linear Momentum; Collision and Impulse LAB 6
F, 9/26	9-7 to 9-11, L6	Conservation of Linear Momentum; Inelastic Collisions in One-Dimension; Elastic Collisions in One Dimension; Collisions in 2-D; Rocket Science LAB 6
M, 9/29	10-1 to 10-7	Rotational Variables; Constant Angular Motion; Relationship between Linear and Angular Variables; Kinetic Energy; Rotational Inertia
T, 9/30	IS 6, L7	Interactive Set 6: Center of Mass, Collision, and Impulse LAB 7
W, 10/1	10-8 to 10-10 L7 HW 4 DUE	Torque; Newton's Second Law for Rotation; Work and Kinetic Energy LAB 7 HW 4 DUE IN LECTURE
Th, 10/2	IS 7, L8	Interactive Set 7: Conservation of Linear Momentum LAB 8
F, 10/3	11-1 to 11-5 L8	Rolling; Kinetic Energy of Rolling; Forces of Rolling; The Yo-Yo LAB 8
M, 10/6	11-6 to 11-10 HW 5 DUE	Torque Revisited; Angular Momentum HOMEWORK 5 DUE IN LECTURE
T, 10/7	IS 8, L9	Interactive Set 8: Rotational Motion and Angular Momentum LAB 9
W, 10/8	Equilibrium, Gravitation L9	Equilibrium; Center of Gravity; Static Equilibrium; Newton's Law of Gravitation; Gravitation and Principle of Superposition; Gravitation near the Earth's surface and inside Earth; Gravitational Potential Energy LAB 9
Th, 10/9	IS 9 POST TEST	Interactive Set 9: Equilibrium and Gravitation MANDATORY POST TEST IN LAB
F, 10/10	HW 6 DUE POST TEST	Review for EXAM III HOMEWORK 6 DUE IN LECTURE MANDATORY POST TEST IN LAB
M, 10/13	EXAM III	EXAM III (Chapter 9, Chapter 10, Chapter 11, Equilibrium, Gravitation)
T, 10/14	PP, Day 1	PROJECT PRESENTATIONS (PLEASE SEE PROJECT PRESENTATION SCHEDULE)
W,10/15	PP, Day 2	PROJECT PRESENTATIONS (PLEASE SEE PROJECT PRESENTATION SCHEDULE)
Th,10/16	PP, Day 3	PROJECT PRESENTATIONS (PLEASE SEE PROJECT PRESENTATION SCHEDULE)