Syllabus

Please note that this syllabus is only meant as a rough guideline! We might go faster or slower depending on the class.

Week	Dates	Reading	Topics	Quiz	Lab
1	08/27	Chapter 1	Introduction; Units; Significant Figures	None	No lab
2	08/30-09/03	Chapter 2	1-D kinematics	None	Uncertainty
3	09/06-09/10	Chapter 3	2-D kinematics	Chs. 1,2	Acceleration
4	09/13-09/17	Chapters 4, 5	Newton's laws; Friction; Circular motion	Ch. 3	Projectile motion
5	09/20-09/24	Chapter 6	Universal gravitation; Kepler's laws	Chs. 4,5	Newton's 2nd law
6	09/27-10/01	Chapters 7, 8	Work and energy; Conservative & non-conserv	Ch. 6	*Midterm #1*
7	10/04-10/08	Chapter 8	Conservation of energy; Power	Ch. 7	Conservation of energy
8	10/11-10/15	Chapter 9	Collisions; Center of mass	Chs. 8,9?	*Fall break* – no lab
9	10/18-10/22	Chapter 10	Angular quantities	Ch. 9	Ballistic pendulum
10	10/25-10/29	Chapters 11-13	Angular momentum; Fluids	Ch. 10	Rotational motion
11	11/01-11/05	Chapters 13-15	Fluids; Simple harmonic motion; Wave motion	Chs. 11,12	*Midterm #2*
12	11/08-11/12	Chapters 15, 16	Traveling & standing waves; Sound	Chs. 13,14	Fluids
13	11/15-11/19	Chapters 16, 17	Musical instruments; Temperature; Gas laws	Ch. 15	Hidden objects
14	11/22-11/26	*THANKSGIVING*			
15	11/29-12/3	Chapters 18, 19	Heat; 1st law of thermodynamics	Chs. 16,17	Standing waves
16	12/6-12/10	Chapter 20	2nd law of thermodynamics; Refrigerators & heat pumps	Chs. 18, 19	Latent heat

The final for this class is scheduled for Monday, December 13th, from 7:00 p.m. till 10:00 p.m.