

## Physics 106 - How Things Work II - Tentative Syllabus for Spring 2007

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<u>Lecture</u>	<u>DATE</u>	<u>TOPIC</u>	<u>TEXT SECTIONS</u>
<i>Laws of Motion I</i>			
1	W 1/17	Class Business; Skating	1.1
2	F 1/19	Falling Balls	I 1.2
3	M 1/22	Falling Balls II	1.2
<i>Laws of Motion II</i>			
4	W 1/24	Ramps	1.3
5	F 1/26	Seesaws	2.1
6	M 1/29	Wheels I	2.2
7	W 1/31	Wheels II	2.2
8	F 2/2	Jumper Cars	2.3
<i>Electricity</i>			
9	M 2/5	Static Electricity	10.1
10	W 2/7	Xerox Copiers	10.2
11	F 2/9	Flashlights I	10.3
12	M 2/12	Flashlights II	10.3
<i>Magnetism and Electrodynamics</i>			
13	W 2/14	Household Magnets	11.1
14	F 2/16	Electric Power Distribution I	11.2
15	M 2/19	Electric Power Distribution II	11.2
16	W 2/21	Electric Generators and Motors I	11.3
17	F 2/23	Electric Generators and Motors II	11.3
18	M 2/26	Midterm Exam Review	
19	W 2/28	Midterm Exam	
	F 3/2	No Class	
	M 3/5	Spring Break	
	W 3/7	Spring Break	
	F 3/9	Spring Break	
<i>Electronics</i>			
20	M 3/12	Power Adapters	12.1
21	W 3/14	Audio Players I	12.2
22	F 3/16	Audio Players II	12.2
<i>Electromagnetic Waves</i>			
23	M 3/19	Radio I	13.1
24	W 3/21	Radio II	13.1
25	F 3/23	Microwave Ovens I	13.2
26	M 3/26	Microwave Ovens II	13.2
<i>Light</i>			
27	W 3/28	Sunlight I	14.1
28	F 3/30	Sunlight II 14.1	
29	M 4/2	Discharge Lamps I	14.2
30	W 4/4	Discharge Lamps II	14.2
31	F 4/6	Lasers and LEDs	14.3
<i>Optics</i>			
32	M 4/9	Cameras I	15.1
33	W 4/11	Cameras II	15.1
34	F 4/13	Optical Recording and Communication I	15.2
35	M 4/16	Optical Recording and Communication II	15.2
<i>Modern Physics</i>			
36	W 4/18	Nuclear Weapons I	16.1
37	F 4/20	Nuclear Weapons II	16.1
38	M 4/23	Medical Imaging and Radiation I	16.2
39	W 4/25	Medical Imaging and Radiation II	16.2
40	F 4/27	Nuclear Reactors **	
41	M 4/30	Final Exam Review	
	F 5/7	FINAL EXAM 9:00 AM-12:00 Noon	