

Physics 7A Syllabus

Fall 2016 Lecture 2

<u>Week</u>	<u>Tuesdays</u>	<u>Topics</u>	<u>Reading (Giancoli)</u>
1	Jan. 19	Intro / 1–D kinematics / 2-D kinematics	1, 2
2	Jan. 26	2–D kinematics / projectile motion	3
3	Feb. 2	Forces	4
4	Feb. 9	Forces & Newton’s Laws	5
5	Feb. 16	Gravitation	6
6 ^I	Feb. 23	Work / Energy & its Conservation	7, 8
7	Mar. 1	Center of Mass / Linear Momentum	9
8	Mar. 8	Rotary motion	10
9	Mar. 15	Rotational Dynamics / Angular Momentum	11
---	Mar. 22	--- Spring Break ---	
10	Mar. 29	Statics / Intro to Fluids	12, 13
11 ^{II}	Apr. 5	Fluids	13
12	Apr. 12	Oscillations	14
13	Apr. 19	Waves	15
14	Apr. 26	Sound / Course Summary	16
15	May 3	--- RRR Week ---	

Lab Schedule: Labs will be held on weeks 1, 2, 4, 8, 10, 13, and 14.

^IMidterm I: Tuesday Feb. 23, 7:00 – 9:00 PM, in 1 Pimentel

^{II}Midterm II: Tuesday Apr. 5, 7:00 – 9:00 PM, in 1 Pimentel

Final Exam: Thursday May 12, 7:00-10:00 PM (Exam group 16)