

Physics 7A Syllabus, Fall 2019

Lecture 1, M,W,F 1:00-2:00 pm, S. Stahler

<u>Week</u>	<u>Lectures</u>	<u>Topics</u>	<u>Giancoli Chapters</u>	<u>Labs</u>	<u>HW Due</u>
1 *	8/28, 30	Introduction; 1D Kinematics	1,2	---	Intro to MP 8/30
2	9/4, 6	Vectors; 1D Kinematics	2,3	Kinematics I	HW1 9/6
3	9/9, 11, 13	2D and 3D Motion; Force	3,4	Kinematics II	HW2 9/13
4	9/16, 18, 20	Newton's Laws; Friction	4,5	Dynamics	HW3 9/20
5	9/23, 25, 27	Friction; Gravitation	5,6	---	HW4 9/27
6	9/30, 10/2, 4	Work and Energy; Conservation of En	7,8	<i>Midterm 1</i>	HW5 10/4
7	10/7, 9, 11	Center of Mass; Linear Momentum	9	---	HW6 10/11
8	10/14, 16, 18	Rotational Kinematics and Dynamics	11	Collisions	HW7 10/18
9	10/21, 23, 25	Rotational Dynamics	10	Rotation	HW8 10/25
10	10/28, 30, 11/1	Statics, Fluids	12,13	---	HW9 11/1
11	11/4, 6, 8	Fluids	13	<i>Midterm 2</i>	HW10 11/8
12	11/13, 15	Oscillations	14	---	HW11 11/15
13	11/18, 20, 22	Oscillations	14	Oscillation	HW12 11/22
14 *	11/25	Waves	15	---	
15	12/2, 4, 6	Sound; Course review	16	Waves	HW13 12/6
16	12/9-13	<i>Reading/Review/Recitation Week</i>	---	---	
17	12/?	<i>Final examination</i>	---	---	

*week 1 starts on 8/28 ; Thanksgiving break: 11/27-29

Midterm 1: Monday 9/30, 7 PM – 9 PM, in Wheeler 150

Midterm 2: Monday 11/4, 7 PM – 9 PM, in Dwinelle 155

Final Exam: Wednesday 12/18, 7 PM – 10 PM, Location TBA

Please check on bCourses for any updates or further information.