

PHY 317K – General Physics I

Course Schedule – Fall 2019

Final Version

August 29, 2019

	Date of Class	Topic	Chapters to Have Read	Homework Assigned
1	8/29 Th	Orientation, goals, tips to succeed / Doing Physics	1	#1
2	9/3 T	Motion in a Straight Line	2	
3	9/5 Th	Motion in Two and Three Dimensions	3	
4	9/10 T	Force and Motion	4	#2
5	9/12 Th	Using Newton's Laws	5	
6	9/17 T	Work, Energy, and Power	6	
7	9/19 Th	Review		
8	9/24 T	☹ Exam 1 ☹		
9	9/26 Th	Conservation of Energy	7	#3
10	10/1 T	Gravity	8	
11	10/3 Th	Systems of Particles	9	
12	10/8 T	Rotational Motion	10	
13	10/10 Th	Rotational Vectors and Angular Momentum	11	
14	10/15 T	Review		
15	10/17 Th	☹ Exam 2 ☹		
16	10/22 T	Static Equilibrium	12	#4
17	10/24 Th	Oscillatory Motion	13	
18	10/29 T	Wave Motion	14	
19	10/31 Th	More Wave Motion		
20	11/5 T	Fluid Motion	15	
21	11/7 Th	Review		
22	11/12 T	☹ Exam 3 ☹		
23	11/14 Th	Temperature and Heat	16	#5
24	11/19 T	The Thermal Behavior of Matter	17	
25	11/21 T	Heat, Work, and the First Law of Thermodynamics	18	
26	11/26 Th	The Second Law of Thermodynamics	19	
	11/28 Th	☺ Thanksgiving ☺		
27	12/3 T	Review		
28	12/5 Th	The End		
	12/12 Thu	☹ Final ☹ – Unique #54770: Dec 12, 2:00pm–5:00 pm		
	12/18 Wed	☹ Final ☹ – Unique #54775: Dec 18, 2:00pm–5:00 pm		