

SCHEDULE PHY4523 Spring 2019

(Tentative schedule, – the schedule may change during the semester and will be updated)

Date	Subject	Textbook Chapters	Assignments
Jan. 7-14	Thermodynamics	Chap 1	
		Chap. 2	
Jan. 14-16	Probability/Statistics	Chap 3	
Jan. 18-20	Microstates	Chap. 4	: HW A due 1/20
<i>Jan. 21</i>	<i>MLK Day (no class)</i>		
Jan. 23-25	Equipartition		
Jan. 28 – Feb.1	Partition Fn		QUIZ
Feb. 4-6	Ideal Gas		
Feb. 8-11	Chem. Potential		HW B
<i>Feb. 13</i>	<i>Exam 1</i>		
Feb. 15-22	Photons		
Feb. 25-27	Identical Particles		HW C
Mar. 1	Quant. Statistics		
<i>Mar. 4 -8</i>	<i>Spring Break (no class)</i>		
Mar. 11-13	Quant. Statistics		
Mar. 15-20	Bose Gas		HW D
Mar. 22-25	Fermi Gas		
<i>Mar. 27</i>	<i>Exam 2</i>		
Mar. 29	Fermi Liquid		HW E
Apr. 1-5	Phase Transitions		
Apr. 8-12	Ginsburg-Landau Theory		HW F
Apr. 15-19	Critical behavior		
<i>Apr. 25-26</i>	<i>Reading Days</i>		
Apr. 29			Paper due