

## SCHEDULE PHY4523 Spring 2020

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

Date	Subject	Textbook Chapters	Assignments
Jan. 6-13	Thermodynamics	Chap 1	
		Chap. 2	
Jan. 13-17	Probability/Statistics	Chap 3	
Jan. 18-20	Microstates	Chap. 4	HW A due 1/22
<i>Jan. 20</i>	<i>MLK Day (no class)</i>		
Jan. 22-24	Microstates, Equipartition		
Jan. 27 – 31	Partition Fn		QUIZ
Feb. 3-5	Ideal Gas		
Feb. 7-10	Chem. Potential		HW B
<i>Feb. 12</i>	<i>Exam 1</i>		
Feb. 14-21	Photons		
Feb. 24-26	Identical Particles		HW C
Feb. 28	Quant. Statistics		
<i>Mar. 2 -6</i>	<i>Spring Break (no class)</i>		
Mar. 9-13	Quant. Statistics		
Mar. 16-20	Bose Gas		HW D
Mar. 23-27	Fermi Gas		
<i>Mar. 25</i>	<i>Exam 2</i>		
Mar. 30	Fermi Liquid		HW E
Apr. 1-3	Phase Transitions		
Apr. 6-10	Ginsburg-Landau Theory		HW F
Apr. 13-17	Critical behavior		
<i>Apr. 23-24</i>	<i>Reading Days</i>		
Apr. 27			Paper due