

<i>Physics 7B, Lec 2, Spring 2021</i>						
Week Of		Topics	Sections	HW On	Lab	Comments
18-Jan	Tu:	Temperature, Energy, and Thermal Expansion	18.1, 17.1 - 17.4.	Intro to Mastering		
	Th:	Ideal Gas	17.6 - 17.9			
25-Jan	Tu:	Kinetic Theory I	18.2, 18.5 - 18.6, 19.1	Intro to Mastering Physics		
	Th:	Kinetic Theory II, First Law I				
1-Feb	Tu:	First Law I	19.3 - 19.9	Chapter 17		
	Th:	First Law II				
8-Feb	Tu:	First Law III, Second Law II	19.10, 20.1 - 20.6	Ch 18	Heat Engine	
	Th:	Second Law II				
15-Feb	Tu:	Conductors, Insulators, and Electric Forces	21.1 - 21.6, 21.8, 21.11	Ch 19		
	Th:	Electric Fields I				
22-Feb	Tu:	Electric Fields II, Gauss's Law I, <i>MT1 Given</i>	21.7, 21.9 - 21.10, 22.1 - 22.3	Ch 20		
	Th:	Gauss's Law II				
1-Mar	Tu:	Electric Potential I	23.1 - 23.8	Ch 21		
	Th:	Electric Potential II				
8-Mar	Tu:	Capacitors I	24.1 -24.5, 25.2 - 25.3, 25.8	Ch 21, 22	Equipot. lines and Elec fields	
	Th:	Capacitors II, Currents I				
15-Mar	Tu:	Currents II, DC Circuits	25.4 - 25.5, 26.1 - 26.3, 26.5	Ch 23		
	Th:					
22-Mar	<i>Spring Break</i>					
29-Mar	Tu:	Magnetism I	27.1 - 27.5, 27.8 - 27.9	Ch 24, 25	DC Circuits	
	Th:	Magnetism II				
5-Apr	Tu:	Sources of Magnetic Fields I, <i>MT2 Given</i>	28.1 - 28.3, 28.5-28.6	Ch 25. 26		
	Th:	Sources of Magnetic Fields II				
12-Apr	Tu:	Sources of Magnetic Fields III	28.5, 29.2 - 29.3	Ch 27		
	Th:	Induction I				
19-Apr	Tu:	Induction II	29.1, 29.4, 29.6 - 29.7	Ch 28	e/M	
	Th:	Induction III				
26-Apr	Tu:	Inductor and AC Circuits I	25.7, 30.1 - 30.5	Ch 28, 29	O-scope and Time Dep Circuits	
	Th:	Inductor and AC Circuits II				
3-May	Tu:	<i>RRR Week, HW on Ch 29, 30 Due</i>				
	Th:					
10-May	<i>Final Exam, Monday, May 10, 11:30 - 2:30PM</i>					

This is the overall plan at the beginning of the semester. It will almost certainly change as the semester progresses. Depending on time constraints, the coverage of relativity may be substantially reduced.