

## Tentative Physics 489 Sche Fall 2022

Week	Class	Day	Date	Topic	Reading	Homework DUE
1	1	Wed	7-Sep	Course Overview		
2	2	Mon	12-Sep	MFT Sample		MFT sample solutions
	3	Wed	14-Sep	GRE Sample Exam 1		GRE sample Exam 1 solutions
3	4	Mon	19-Sep	Advice for MFT and GRE	CP 9 p. 273-285; article	Comments on readings. CP 9 problems.
	5	Wed	21-Sep	Classical Mechanics I	CP 1 p. 1 - 24	Selected CP 1 problems.
4	6	Mon	26-Sep	Classical Mechanics II	CP 1 p. 24 - 58	Selected CP 1 problems.
	7	Wed	28-Sep	E&M I	CP 2 p. 59 - 81	Selected CP 2 problems.
5	8	Mon	3-Oct	Magnetism	CP 2 p. 83 - 98	Selected CP 2 problems.
	9	Wed	5-Oct	Optics	CP 3 p. 105 - 126	Selected CP 3 problems.
6	10	Mon	10-Oct	Thermo and Stat Mech.	CP 4 p. 131 - 152	Selected CP 4 problems.
	11	Wed	12-Oct	Quantum Mechanics	CP 5 p. 155 - 187	Selected CP 5 problems.
7	12	Mon	17-Oct	Atomic Physics	CP 5 p. 187 - 206	Selected CP 5 problems.
	13	Wed	19-Oct	Relativity	CP 6 p. 217 - 232	Selected CP 6 problems.
8	14	Mon	24-Oct	Lab methods	CP 7 p. 235 - 252	Selected CP 7 problems.
	15	Wed	26-Oct	Special Topics	CP 8 p. 255 - 270	Selected CP 8 problems.
9	16	Mon	31-Oct	GRE Sample Exam 2		GRE sample Exam 1 solutions
<b>19</b>	<b>Wed</b>	<b>2-Nov</b>	<b>MFT</b>			