

PHY208 Schedule Fall 2024

Week	Date	Lec #	Main Lecture Topic	Reading	Discussion/ Homework	Quiz	Lab
1	5-Sep	1	Introduction, Electric Charge & Force	21	Thu/Fri discussions only	No Quiz	No lab this week
2	10-Sep	2	Electric Fields	21	Homework # 0 Due 13-Sep	No Quiz	No lab this week
	12-Sep	3	Gauss's Law, Conductors	22			
3	17-Sep	4	Conductors, Electric Potential	23	Homework # 1 Due 16-Sep	Quiz 1	No lab this week
	19-Sep	5	Electric Potential	23			
4	24-Sep	6	Capacitors & Dielectrics	24	Homework #2 Due 23-Sep	Quiz 2	Lab 1 –R4: Electric Fields and Electric Potentials
	26-Sep	7	Current, Resistance, Electric Circuits	25			
5	1-Oct	8	DC Circuits	26	Homework #3 Due 30-Oct	Quiz 3	Lab 2 –R5: Capacitor and Resistor Circuits
	3-Oct	9	Magnetic Fields and Forces	27			
	4-Oct	Exam Review					
6	7-Oct	Midterm Exam #1 [5:45 – 7:15 pm]			Homework #4 Due 6-Oct	No Quiz	Lab 3 –R6: Resistor-Capacitor (RC) Circuits
	8-Oct	10	Sources of Magnetic Fields	28			
	10-Oct	11	Amperes Law	28			
7	15-Oct	12	Electromagnetic Induction	29	Homework #5 Due 14-Oct	Quiz 4	Lab 4–R7Magnetic Fields and Forces
	17-Oct	13	Faraday's and Lenz's Law	29			
8	22-Oct	14	Inductance	30	Homework #6 Due 21-Oct	Quiz 5	Lab 5 –R8 Faraday Effect & Lenz's Law
	24-Oct	15	Inductors and Circuits	30			
9	29-Oct	16	Electromagnetic Waves	32	Homework #7 Due 28-Oct	Quiz 6	Lab 6–Inductors--RL and LRC Circuits
	31-Oct	17	Electromagnetic Waves	32			
	1-Nov	Exam Review					
10	4-Nov	Midterm Exam #2 [5:45 – 7:15 pm]			Homework #8 Due 3-Nov	No Quiz	No Lab this week
	5-Nov	18	Reflection and Refraction of Light	33			
	7-Nov	19	Propagation and Properties of Light	33			
11	12-Nov	20	Mirrors	34	Homework #9 Due 11-Nov	Quiz 7	Lab 7–R9Polarization of Light
	14-Nov	21	Lenses	34			
12	19-Nov	22	Optical Devices I	34	Homework #10 Due 18-Nov	Quiz 8	Lab 8–R2Lenses and the Eye
	21-Nov	23	Optical Devices II	34			
13	26-Nov	24	Interference	35	Tue/Wed discussions Homework #11 Due 25-Nov	Quiz 9	No Lab this week 
	28-Nov	THANKSGIVING					
14	3-Dec	25	Diffraction	36	Homework #12 Due 2-Dec	Quiz 10	Lab 9–R1 Interference & Diffraction
	5-Dec	26	Nuclear Physics I	43			
	6-Dec	Exam Review					
15	10-Dec	27	Nuclear Physics II	43	Tue/Wed discussions only Homework #12 Due 11-Dec	Quiz 11	No Lab this week
	16-Dec	Final Exam [19:25 – 21:25]					