PHYSICS 21 – Tentative Schedule for Spring 2025

DATE	TOPIC	READING
T Jan 21	Electrostatics, Coulomb's Law	21.0 to 21.3
W Jan 22	Vector techniques	1.7 to 1.10
Th Jan 23	Electric Field	21.4 to 21.s
F Jan 24	HW1	
Tu Jan 28	Gauss's Law	Ch 22
W Jan 29	HW2	
Th Jan 30	Electric Potential Intro.	23.0 to 23.3
F Jan 31	HW3	
Tu Feb 4	Electric Potential Cont.	23.4 to 24.1
W Feb 5	HW4, Quiz 1 (on HW 1-3)	
Th Feb 6	Electrostatic Energy and Capacitance	24.2 to 24.s
F Feb 7	HW5	
Tu Feb 11	Current, Resistance, EMF	Ch 25
We Feb 12	HW6	
Th Feb 13	Kirchoff's Rules	26.0 to 26.3
F Feb 14	HW7, Quiz 2 (on HW 4-6)	
Tu Feb 18	RC Circuits	26.4 to 26.s
W Feb 19	HW8	
Th Feb 20	Magnetic Field	27.0 to 27.3
F Feb 21	HW9	
Tu Feb 25	Optional-attendance review session	review
W Feb 26	Review for midterm exam **Midterm 1 @ 4:25 pm**	
Th Feb 27	Magnetic Force	27.4 to 27.s
F Feb 28	HW10	
Tu Mar 4	Biot-Savart Law	28.0 to 28.4
W Mar 5	HW11, Quiz 3 (on HW 7-10)	
Th Mar 6	Ampere's Law	28.5 to 28.s
F Mar 7	HW12	
March 10-14	Spring Break	a novel

DATE	TOPIC	READING
Tu Mar 18	Time-varying fields	Ch 29
W Mar 19	HW13	
Th Mar 20	Inductance	Ch 30
F Mar 21	HW14, Quiz 4 (on HW 11-13)	
Tu Mar 25	AC Circuits	Ch 31
W Mar 26	HW15	
Th Mar 27	Wave motion	15.0 to 15.5
F Mar 28	HW16	
Tu Apr 1	Standing waves	15.6 to 15.s
W Apr 2	HW17, Quiz 5 (HW 14-16)	
Th Apr 3	Electromagnetic waves	Ch 32
F Apr 4	HW18	
Tu Apr 8	Optional-attendance review session	review
W Apr 9	Review for midterm exam **Midterm 2 @ 4:25 pm**	
Th Apr 10	Propagation of EM Waves	33.0 to 33.4
F Apr 11	HW19	
Tu Apr 15	Polarization	33.5 to 33.s
W Apr 16	HW20, Quiz 6 (HW 17-19)	
Th Apr 17	Ray Optics	Ch 34
F Apr 18	HW21	
Tu Apr 22	Interference	Ch 35
W Apr 23	HW22	
Th Apr 24	Diffraction	Ch 36
Fr Apr 25	HW23, Quiz 7 (HW 20-22)	
Tu Apr 29	Photons, Atoms	Ch 38
W Apr 30	HW24	
Th May 1	Quantum Phenomena	Ch 39
F May 2	HW25, Quiz 8 (HW 23-24)	
Sat May 3	RCS review session for lecture	
M May 5	RCS review session for recitation	
May 6 – 14	Final Exam Period (exam scheduled by Registrar)	