

PHYSICS 21 – Tentative Schedule for Spring 2017

DATE	TOPIC	READING
T Jan 24 (L1)	Electrostatics, Coulomb's Law	21.0 to 21.3
W Jan 25 (R1)	Vector techniques	1.7 to 1.10
Th Jan 26 (L2)	Electric Field	21.4 to 21.s
F Jan 27 (R2)	HW1	
Tu Jan 31 (L3)	Gauss's Law	Ch 22
W Feb 1 (R3)	HW2	
Th Feb 2 (L4)	Electric Potential Intro.	23.0 to 23.3
F Feb 3 (R4)	HW3, Quiz 1 (on HW 1-2)	
Tu Feb 7 (L5)	Electric Potential Cont.	23.4 to 24.1
W Feb 8 (R5)	HW4	
Th Feb 9 (L6)	Electrostatic Energy and Capacitance	24.2 to 24.s
F Feb 10 (R6)	HW5	
Tu Feb 14 (L7)	Current, Resistance, EMF	Ch 25
We Feb 15 (R7)	HW6, Quiz 2 (on HW 3-5)	
Th Feb 16 (L8)	Kirchoff's Rules	26.0 to 26.3
F Feb 17 (R8)	HW7	
Tu Feb 21 (L9)	Optional-attendance review session	review
W Feb 22 (R9)	Midterm 1 @ 4:10 pm	
Th Feb 23 (L10)	RC Circuits	26.4 to 26.s
F Feb 24 (R10)	HW8	
Tu Feb 28 (L11)	Magnetic Field	27.0 to 27.3
W Mar 1 (R11)	HW9, Quiz 3 (on HW 6-8)	
Th Mar 2 (L12)	Magnetic Force	27.4 to 27.s
F Mar 3 (R12)	HW10	
Tu Mar 7 (L13)	Biot-Savart Law	28.0 to 28.4
W Mar 8 (R13)	HW11	
Th Mar 9 (L14)	Ampere's Law	28.5 to 28.s
F Mar 10 (R14)	HW12, Quiz 4 (on HW 9-11)	
March 13-17	SPRING BREAK	

DATE	TOPIC	READING
Tu Mar 21 (L15)	Time-varying fields	Ch 29
W Mar 22 (R15)	HW13	
Th Mar 23 (L16)	Inductance	Ch 30
F Mar 24 (R16)	HW14	
Tu Mar 28 (L17)	AC Circuits	Ch 31
W Mar 29 (R17)	HW15, Quiz 5 (HW 12-14)	
Th Mar 30 (L18)	Wave motion	15.0 to 15.5
F Mar 31 (R18)	HW16	
Tu Apr 4 (L19)	Optional-attendance review session	review
W Apr 5 (R19)	Midterm 2 @ 4:10 pm	
Th Apr 6 (L20)	Standing waves	15.6 to 15.s
F Apr 7 (R20)	HW17	
Tu Apr 11 (L21)	Electromagnetic waves	Ch 32
W Apr 12 (R21)	HW18, Quiz 6 (HW 15-17)	
Th Apr 13 (L22)	Propagation of EM Waves	33.0 to 33.4
F Apr 14 (R22)	HW19	
Tu Apr 18 (L23)	Polarization	33.5 to 33.s
W Apr 19 (R23)	HW20	
Th Apr 20 (L24)	Ray Optics	Ch 34
F Apr 21 (R24)	HW21, Quiz 7 (HW 18-20)	
Tu Apr 25 (L25)	Interference	Ch 35
W Apr 26 (R25)	HW22	
Th Apr 27 (L26)	Diffraction	Ch 36
Fr Apr 28 (R26)	HW23, Quiz 8 (HW 21-22)	
Tu May 2 (L27)	Photons, Atoms	Ch 38
W May 3 (R27)	HW24	
Th May 4 (L28)	Quantum Phenomena	Ch 39
F May 5 (R28)	HW25	
Sat May 6 (L29)	RCS review session for lecture	
M May 8 (R29)	RCS review session for recitation	
May 9 – 17	Final Exam Scheduled by Registrar	