

PHYS 2020/2021 Course Syllabus

Summer 2002

Class	Day	Date	Special	Lecture Due	Activity	Notes	
	M	08 JUL	<i>Introduction to the Course and Orientation; Introductory Spreadsheets & Review</i>				
P1	T	09 JUL	Quiz 1	L1: Intro to Optics	A1: Refraction		
P2	W	10 JUL	Quiz 2	L2: Thin Lenses	A2: Thin Lenses		
P3	R	11 JUL	Quiz 3	L3: Optics of the Eye	A3: Corrective Lenses		
P4	F	12 JUL	Quiz 4	L4: Polarization		Cool Demonstrations	
P5	M	15 JUL	Quiz 5	L5: Diffraction	A4: Diffraction		
P6	<i>Review Spreadsheets for Test 1: Do on your own time if you wish...</i>						
P7	T	16 JUL	Test 1 Quiz 6	L1 – L5 L6: Blackbody Radiation		9:20 – 10:10 AM	
P8 P9	W	17 JUL	Quiz 7	L7: Photoelectric Effect L8: Quantum Mechanics			
P10	R	18 JUL	Quiz 8	L9: Atomic Physics	A5: Spectroscopy		
P11	F	19 JUL	Quiz 9	L10: Nuclear Physics	A6: Radioactivity	New Groups Assigned	
P12				L11: Radiation Effects	<i>Skip this lecture—it won't be on the test!</i>		
P13	<i>Review Spreadsheets for Test 2: Do on your own time if you wish...</i>						
P14	M	22 JUL	Test 2 Quiz 10	L6 – L10 L12: Intro. to Electricity	A7: Conductors	9:20 – 10:10 AM	
P15	T	23 JUL	Quiz 11	L13: Ohm's Law	A8: Electric Measurements		
P16	W	24 JUL	Quiz 12	L14: Constant Current	A9: Resistive Circuits		
P17	R	25 JUL	Quiz 13	L15 (a,b): RC Circuits	A10: RC Circuits I		
P18	F	26 JUL	Quiz 14	L16: The Oscilloscope	A11: The Oscilloscope		
P19	M	29 JUL	Quiz 15	L17: The Magnetic Field	A12: RC Circuits II		
P20	T	30 JUL	Quiz 16	L18: Faraday's Law	A13: The Magnetic Field	New Groups Assigned	
P21	W	31 JUL	Quiz 17	<i>Review for Test 3</i>	A14: Faraday's Law	Review: L12 - L18	
P22	R	01 AUG	Test 3 Quiz 18	L12 – L18 L19: Inductors	A15: RL Circuits	9:20 – 10:10 AM	
P23	F	02 AUG	Quiz 19	L20: Intro. ac Circuits	A16: ac Circuits, Impedance		
P24	M	05 AUG	Quiz 20	L21: ac Circuit Filters	A17: Filter Circuits		
P25 P26	T	06 AUG	Quiz 21	L22: Symbolic Logic L23: Boolean Algebra	A18: Resonant Circuits	Do P25 spreadsheet first, then A18, then P26	
P27	W	07 AUG	Quiz 22	L24: Digital Electronics	A19: Digital Circuits		
P29	R	08 AUG	Quiz 23	L25: Digital Design	A20: Digital Design Project		
P30	<i>Review Spreadsheets for Final Exam: Do on your own time if you wish...</i>						
	F	09 AUG	Final	L12 - L25	10:30 AM – 12:30 PM	Electronics	

