

Physics 121 Schedule 1101 (Revised March 5)

Date	Day	Lecture		Reading	Assignment
4-Jan-10	M	1	Outline		
6-Jan-10	W	2	Traveling Waves	Chapter 20	
8-Jan-10	F	3	Waves Changing Medium		
11-Jan-10	M	4	Interference in 1-D	Chapter 21	
13-Jan-10	W	5	Wave Optics (22)	Chapter 22	Assgt1 (W)
15-Jan-10	F	6	The Diffraction Grating		
18-Jan-10	M	7	Ray Optics	Chapter 23	
20-Jan-10	W	8	Refraction (23.3)		Assgt2 (MP)
22-Jan-10	F	9	Image Formation by Refraction (23.4)		
25-Jan-10	M	10	Lenses	Chapter 24	
27-Jan-10	W	11	Focusing and Accomodation		Assgt3 (W)
29-Jan-10	F	12	Photons (25.3)	Chapter 25	
1-Feb-10	M	13	Electric Charge (26.1 and 26.2),Midterm Friday	Chapter 26	
3-Feb-10	W	14	Discharging		Assgt4 (MP)
5-Feb-10	F	Midterm			
8-Feb-10	M	15	The Field Model (26.5)	Chapter 27	
10-Feb-10	W	16	The Electric Field of a Dipole		
12-Feb-10	F	17	Electric Field from A Thin Ring		
15-Feb-10	M				
17-Feb-10	W				
19-Feb-10	F				
22-Feb-10	M				
24-Feb-10	W				
26-Feb-10	F				
1-Mar-10	M	18	Gauss' Law (Chapter 28)	Chapter 28	
3-Mar-10	W	19	The Concept of Flux (28.2)		Assgt5 (MP)
5-Mar-10	F	20	Electric Flux is Independent of Surface Shape		
8-Mar-10	M	21	A Uniform Gravitational Field	Chapter 29	
10-Mar-10	W	22	The Electric Potential of a Point Charge (29.6)		Assgt6 (W)
12-Mar-10	F	23	A Conductor in Electrostatic Equilibrium (30.4)	Chapter 30	
15-Mar-10	M	24	The Energy in the Electric Field		
17-Mar-10	W	25	A Model of Conduction	Chapter 31	Assgt7 (MP)
19-Mar-10	F	26	Batteries and Current		
22-Mar-10	M	27	Parallel Resistors (32.6)	Chapter 32	Assgt8 (W)
24-Mar-10	W	28	RC Circuits (32.9)		
26-Mar-10	F	Midterm			
29-Mar-10	M	29	The Direction of Magnetic Field	Chapter 33	
31-Mar-10	W	30	Magnetic Dipoles (33.5)		Assgt9 (MP)
2-Apr-10	F	Good Fri			
5-Apr-10	M	Easter			
7-Apr-10	W	31	Ampere's Law and a Solenoid		
9-Apr-10	F	32	Cyclotron Motion		
12-Apr-10	M	33	Magnetic Properties of Matter		Assgt10 (MP)
14-Apr-10	W	34	A Generator!	Chapter 34	
16-Apr-10	F	35	Calculating the Induced Field		

(MP) Online	(W) Written
Mastering	problems to
Physics	be handed in
problems	on Thursday