

PHYSICS 232 Syllabus Spring 2007 MWF 11:15 am - 12:05 pm Room Phys 415

This schedule is tentative and will be updated when necessary

Last update April 2, 2007 YK

Instructor Yuri Kamyshev, room 226 D Ayres Hall, tel: 974-6777, e-mail: kamyshev@utk.edu

#	Date		Study/Tests	Material in Class/Test	Home Work due at 11 am
1	J10	W	Chapter 13	Introduction	
2	J12	F	Chapter 13	Periodic Motion	HW #0 for Practice
3	J17	W	Chapter 15	Mechanical Waves	HW #1 on Chapter 13
4	J19	F	Chapter 15	Mechanical Waves	
5	J22	M	Review	Solving physics problems	
6	J24	W	Chapter 16	Sound Waves	HW #2 on Chapter 15
7	J26	F	Chapter 16	Sound Waves	
8	J29	M	Chapter 32	Electromagnetic Waves	
9	J31	W	Chapter 32	Electromagnetic Waves	HW #3 on Chapter 16
10	F2	F	Review	Waves	
11	F5	M	Chapter 33	Light	
12	F7	W	Chapter 33	Light	HW #4 on Chapter 32
13	F9	F	TEST 1	Chapters 13,15,16,32	
14	F12	M	Chapter 34	Geometric Optics	
15	F14	W	Chapter 34	Geometric Optics	HW #5 on Chapter 33
16	F16	F	Chapter 35	Interference	
17	F19	M	Chapter 36	Diffraction	
18	F21	W	Chapter 36	Diffraction	HW #6 on Chapter 34
19	F23	F	Review	Optics	
20	F26	M	Chapter 37	Relativity	
21	F28	W	Chapter 37	Relativity	HW #7 on Chapters 35-36
22	M2	F	TEST 2	Chapters 33-36	
23	M5	M	Chapter 38	Photons, Electrons, Atoms	
24	M7	W	Chapter 38	Photons, Electrons, Atoms	HW #8 on Chapter 37
25	M9	F	Chapter 39	Particle Waves	
				Spring Break	
26	M19	M	Chapter 39	Particle Waves	
27	M21	W	Chapter 40	Quantum Mechanics	HW #9 on Chapter 38
28	M23	F	Chapter 40	Quantum Mechanics	
29	M26	M	Review	Relativity and Quantum	
30	M28	W	Chapter 41	Atomic Structure	HW #10 on Chapter 39
31	M30	F	Chapter 41	Atomic Structure	
32	A2	M	Chapter 42	Condensed Matter	
33	A4	W	Chapter 42	Condensed Matter	HW #11 on Chapter 40
	A6	F		Spring recess	
34	A9	M	Chapter 43	Nuclear Physics	
35	A11	W	TEST 3	Chapters 37-40	
36	A13	F	Chapter 43	Nuclear Physics	
37	A16	M	Chapter 44	Particle Physics	HW #12 on Chapters 41-42
38	A18	W	Chapter 44	Particle Physics	
39	A20	F	Chapter 44	Cosmology	
40	A23	M	Chapter 44	Cosmology	
41	A25	W	Review	Modern Physics	HW #13 on Chapters 43-44
42	A27	F	Prep for final	problems	
	M 8	T	FINAL	Comprehensive Ch. 13,15,16,32-44	12:30 - 14:30 pm in Phys 415