

Department of Physics – Portland State University

Physics 203: General Physics

Text: *Physics* 2<sup>nd</sup> Edition, James S. Walker

Class Time and Place: 8–10:20 am, CH room 150

Instructor: Dan Carter

Office Hours: TBA

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August 5-26, 2005

Homework assignments may be changed at lecture on assignment date.

Homework: 30%

Midterm: 30%

Final: 40%

Date:	Chapter:	Subjects:	Homework:
5 F	14: 1-5	Waves and Sound	Conceptual: 10 Problems: 5,6,7,11,13, 16, 17, 18, 24, 29, 32
8 M	14: 6-9	Wave properties	Con: 24, 28; Probs: 40, 42, 43,50,52,59,65,66,69, xtra 72
9 Tu	25: 1-5	EM Waves	Con: 3,8,9,16; Probs: 4,5,6, 12,13,14,18,27,30,33,39,43,49,66,68
10 W	26: 1-4	Optics – Mirrors	Con: 5, 6; Prbs: 2,5,8,13,16,21,26,32
11 Th	26: 5-8	Optics – Refraction/Lenses	Con: 30,32; Prbs: 37,38,55,56,58,61, 67, 70, 78
12 F	27: 1-6	Optics – Applications	Con: 7, 8,16, 20; Prbs: 5, 10, 12, 16, 39, 43, 45, 48, 56, 69
15 M	28: 1-3	Superposition/Interference	TBA
16 Tu	28: 4-6	Diffraction	
17 W	29: 1-6	Relativity	
18 Th	30: 1-4	Radiation and Photons	
19 F	30: 5-7	Duality and Uncertainty	
22 M	31: 1-4	Hydrogen Atom	
23 Tu	31: 5-7	Quantum Mechanics	
24 W	32: 1-4	Nuclear Radiation	
25 Th	32: 5-9	Nuclear Physics	
26 F	–	Final – Class Time	