

West Chester University
Phys 100
Fall Session 2012

Instructor: Paul Pomeroy
E-mail address: ppomeroy@wcupa.edu

Text Book: *Physics: A World View* (seventh edition preferred but earlier editions accepted) by Kirkpatrick and Francis (Thomson)

Schedule: Lectures—Tu-Thurs 9:30-10:45AM; 12:30-1:45PM
Room 112
**Office Hours— Tu.-Thurs. 8:30-9:30AM and
11:15AM-12:15PM
by appointment**

Grading:	Tests and Quizzes	65%
	Final Exam	25%
	Attendance and participation including homework	10%

Tentative Syllabus

Week 1:	Aug 27-Aug 31	Chapter 1	A World View
Week 2:	Sept 3-Sept 7	Chapter 2	Describing Motion
Week 3:	Sept 10-Sept 14	Chapter 3	Explaining Motion
Week 4:	Sept 17- Sept 21	Chapter 4	Motions in Space
Week 5:	Sept 24- Sept28	Chapter 5	Gravity
Week 6:	Oct 1- Oct 5	Chapter 6	Momentum
Week 7&8:	Oct 10- Oct 19	Chapter 7	Energy
Week 9:	Oct 22 – Oct 26	Chapter 8	Rotation
Week 10:	Oct 29- Nov 2	Chapter 15	Vibrations and Waves
Week 11:	Nov 5 – Nov 9	Chapter 16	Sound and Music
Week 12:	Nov 12 – Nov 16	Chapter 17	Light
Week 13 &14:	Nov 19 – Nov 30	Chapters 18&19	Refraction of Light/A Model for Light
Week 15:	Dec 3– Dec 10	Chapters 20&21	Electricity/ Electric Circuits
Final Exam			

Grading

92 and up	--	A
89-91	--	A-
86-88	--	B+
82-85	--	B
79-81	--	B-
76-78	--	C+
72-75	--	C
69-71	--	C-
66-68	--	D+
62-65	--	D
59-61	--	D-
Below 59	--	F

Tentative!!!

Test/Quiz 1: Week of September 10th
Test/Quiz 2: Week of October 1st
Test/Quiz 3: Week of November 5th
Test/Quiz 4: TBD
Final Exam: Week of December 10th

Tentatively you will have four tests during the semester. The three highest grades will be counted. ***There will be no make up tests.*** If you miss a test you will receive a zero score for that test which you may count as your dropped test score. A zero score will be recorded for any additional missed tests. All students are expected to take the final exam. The exam grade cannot be used as the dropped score.

Disability

West Chester University wishes to make accommodations for persons with disabilities. Please make your needs known by contacting the Office of Services for Students with Disabilities at ext. 3217. Please let me know as well. We wish to comply with the ADA of 1990. Sufficient notice is needed in order to make appropriate accommodations possible.

NB: WCU Department of Public Safety: 610-436-3311

A few suggested questions and problems from our text....

		Questions	Exercises
Chapter 1	A World View	5, 7, 11, 13, 15	19, 25, 27, 30
Chapter 2	Describing Motion	1, 2, 9, 11, 12, 14, 23, 27, 29, 31, 37, 38, 39, 48, 49	65, 69, 78, 79, 83
Chapter 3	Explaining Motion	1, 2, 3, 5, 8, 9, 15, 18, 22, 31, 32, 36, 45, 49 55, 56, 57	63, 64, 67, 69, 76, 81, 82, 83, 84
Chapter 4	Motions in space	1, 2, 3, 5, 8, 9, 15, 18, 22, 31, 32, 36, 45, 49, 50	51, 53, 57, 59, 61, 64
Chapter 5	Gravity	1, 2, 3, 5, 13, 19, 25, 31, 45	53, 55, 59, 63, 69
Chapter 6	Momentum	13, 15, 18, 30, 31, 32, 33, 34	45, 46, 47, 49, 52, 55, 63, 64, 66
Chapter 7	Work and Energy	18, 21, 23, 24, 30, 34, 36, 37, 42	59, 60, 70, 74, 77, 78, 80
Chapter 15	Vibrations and Waves	1,2,4,6,29,31,38	51, 64, 65, 67, 69, 72, 76, 77, 85
Chapter 16	Sound	4, 5, 37, 38, 41, 45	51, 53, 83, 84, 85, 86
Chapter 17	Light	15, 16, 17, 19, 20, 21, 24, 25, 30, 32, 33, 35, 37, 39, 42, 43, 47	50, 53, 61, 65, 69, 73, 74, 77
Chapter 18	Refraction	1, 22, 32, 41, 47, 49	50, 75, 76
Chapter 20	Electricity	21, 32, 33, 34, 36, 39,	47, 48, 49, 50, 53, 54, 57, 58, 60, 83, 84.
Chapter 21	Electric Charges in Motion	35, 37, 41, 43,	44, 57, 63, 65, 71, 72 73, 75, 79