

West Chester University  
Phys 100  
Spring 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—M W F 9:00-9:50AM -- 10:00-10:50AM  
11:00-11:50AM Room 109**  
**Office Hours—M W F 8:00-9:00AM and 11:50AM-12:20PM**  
**Or by appointment Room 120**

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

***Tentative Syllabus***

Week 1: Jan 23-Jan 27	Chapter 1	A World View
Week 2: Jan 30- Feb 3	Chapter 2	Describing Motion
Week 3: Feb 6- Feb 10	Chapter 3	Explaining Motion
Week 4: Feb 13- Feb 17	Chapter 4	Motions in Space
Week 5: Feb 20- Feb 24	Chapter 5	Gravity
Week 6: Feb 27- Mar 2	Chapter 6	Momentum
Week 7: Mar 5 - Mar 9	Chapter 7	Energy
Week 8: Mar 12- Mar 16		Spring Break
Week 9: Mar 19-Mar 23	Chapters 1-7	Review
Week 10: Mar 26-Mar 30	Chapter 8	Rotation
Week 11: Apr 2 -Apr 6	Chapter 15	Vibrations and Waves
Week 12: Apr 9 – Apr 13	Chapter 16	Sound and Music
Week 13: Apr 16-Apr 20	Chapter 17	Light
Week 14: Apr 23-Apr 27	Chapter 18	Refraction of Light
Week 15: Apr 30-May 4	Chapter 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!!!*

Tentative!!!

Test/Quiz 1: Week of February 6th

Test/Quiz 2: Week of February 27th

Test/Quiz 3: Week of March 26th

Test/Quiz 4: Week of April 9th

Final Exam: Week of May 7th

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.

This course strives to have students meet the following general education goals:

1. Ability to communicate effectively
2. Ability to employ quantitative concepts and mathematical methods
3. Ability to think critically and analytically

## 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