

PHYS 1600 - F07

Dr. John Williams 3-5 M,W 1-2 Tu,Th Others hours by appointment
 310 Leach Science Center

Text: *PHYSICS for Scientists and Engineers (7th ed.)* by Serway and Jewett

Week	Chapter	Problems
8/13 (1)	2 Motion in 1-D	1, 5, 11, 15, 23, 33, 43, 45
8/20	2,3 Vectors	1, 5, 11, 29, 33, 43, 47, 57
8/27	4 Motion in 2-D	1, 7, 15, 17, 21, 25, 30, 31, 47
9/3	5 Newton's Laws of Motion	3, 9, 13, 17, 21, 25, 29, 33, 37, 41, 53
9/10	6 Circular Motion w/ Applications	
9/17	6,7 Energy & Energy Transfer	
9/24	8 Potential Energy	
10/1	9 Linear Momentum & Collisions	
10/8	9,10 Rigid Body Rotation	
10/15	10	
10/22	11 Angular Momentum	
10/29	14 Fluid Mechanics	
11/5	14, 15 Oscillatory Motion	
11/12	15	
11/19		THANKSGIVING BREAK
11/26	16 Wave Motion	
6/3	16	

Test dates - **Thur (Sep 6)** **Thur (Oct 4)** **Thur (Nov 8)**

One hour test format: Seven - eight multiple choice questions, five choices per question. Several copies of old PS 1600 tests are on reserve in the library. Scratch work turned in with test for possible partial credit after the test is returned. *Scratch work from each test will be kept until the next test is given, but no longer.* Bring only pencil and calculator to tests. Formulas, constants, etc., will be provided, and you must use scratch paper provided with the test.

Final exam format: Ten to twelve multiple choice questions. Scratch work policy applies two weeks into Sp08.

No makeup tests given.

Grading: 2 of 3 one hr tests - 50% Comprehensive final exam - 30% Lab - 10% Recitation - 10%

Grade scale: **A** 89-100 **B** 79-88 **C** 69-78 **D** 59-68 **F** < 59