

PHYS 1600 - Sp08

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
1/7	2 Motion in 1-D	C2: 1, 5, 11, 15, 23, 33, 43, 45
1/14	2,3 Vectors	C3: 1, 5, 11, 29, 33, 43, 47, 57
1/21	4 Motion in 2-D	C4: 1, 7, 15, 17, 21, 25, 30, 31, 47
1/28	5 Newton's Laws of Motion	C5: 3, 9, 13, 17, 21, 25, 29, 33, 37, 41, 53
2/4	6 Circular Motion w/ Applications	C6: 1, 3, 8, 10, 11, 14, 19, 23, 27, 53
2/11	6,7 Energy & Energy Transfer	C7: 3, 7, 9, 11, 13, 17, 21, 29, 34, 35, 39, 41, 43
2/18	8 Potential Energy	C8: 3, 4, 7, 10, 14, 21, 24, 28, 32, 43, 55
2/25	9 Linear Momentum & Collisions	C9: 1, 4, 7, 9, 11, 15, 16, 19, 25, 35, 39, 41, 57
3/3	9,10 Rigid Body Rotation	
3/10	10	C10: 3, 9, 15, 19, 21, 23, 25, 31, 33, 37, 39, 44, 47, 55, 65, 71
3/17	SPRING BREAK	
3/24	11 Angular Momentum	C11: 1, 3, 11, 16, 19, 23, 31, 35, 39
4/7	14, 15 Fluid Mechanics	C14: 4, 8, 12, 17, 20, 23, 33, 37, 40, 47, 49
4/14	15 Oscillatory Motion	C15: 1, 3, 9, 13, 17, 19, 23, 27, 31, 35, 39, 41
4/21	16 Wave Motion	
4/28 (1)	16	C16: 1, 5, 7, 11, 17, 27, 28, 35, 39

Test dates - Tues (Feb 5) Tues (Mar 11) Tues (Apr 22)

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 pencil, calculator and one 8.5x11 formula sheet to the tests. 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 Su08.

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