

Physics 107

Summer 2007

Instructor: Yahya Modarres-Sadeghi

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Textbook: Giancolli, *Physics*, 6th Edition, Pearson/Prentice Hall

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TA office hours: Monday-Thursday 3-5:15 PM at S-4-73

Final Grade:

Assignments: 10%

Exam 1: 25%

Exam 2: 25%

Final Exam: 40%

- Be on time for class.
- Bring your calculator to class every day.
- You must hand in answer to the question (Q) and solutions to the assigned problems as your homework.
- Homework is due at the beginning of class on the dates indicated.
- Late homework will not be accepted.
- You do not need to hand in the practice problems. However it is highly recommended to solve them and ask questions if you have difficulties.
- Solutions to all homework problems, practice problems and exams will be given to you in class and/or will be posted on the course website on <http://www.physicslabs.umb.edu/Physics/yahya/yahya.htm>
- Two tutors (Fernando.Moreno@umb.edu and Yi.Tang @umb.edu) are available Monday - Thursday, 10 AM – 5:30 PM at S-4-73. Go to them with questions.
- Send me an e-mail if you have any problem.

			Assignments		Due date	Practice problems	
			Q	Problems		Qs	Problems
Monday	May 28	Holiday					
Tuesday	May 29	1. Introduction, Units	-	22,49	June 4	-	15,25,32
Wednesday	May 30	2. Kinematics in 1D	17	11,28,44	June 4	8,19	13,19,38,47,73
Thursday	May 31	3. Kinematics in 2D	9	10,21,28,31	June 11	5,15	7,35
Monday	June 4	3. Kinematics in 2D					
Tuesday	June 5	4. Dynamics	7	10,22,31,52	June 11	3,9,17	5,13,19,25,34,81
Wednesday	June 6	5. Circular Motion	20	14,36,54	June 11	8	7,19,31,51
Thursday	June 7	6. Work and Energy	25	8,24,41,52,70,86	June 14	10	18,30,40,45,63,82
Monday	June 11	6. Work and Energy					
Tuesday	June 12	Exam 1 (Ch. 1-5)					
Wednesday	June 13	7. Linear Momentum	7	8,21,24,36,52,79	June 19	1,15	4,17,30,50,67
Thursday	June 14	7. Linear Momentum					
Monday	June 18	Holiday					
Tuesday	June 19	8. Rotational Motion	18	12,21,26,31,40,61	June 25	5,10	6,19,24,28,38,49,78
Wednesday	June 20	8. Rotational Motion					
Thursday	June 21	9. Static Equilibrium	11	6,16,26,63	June 27	9	2,11,18,21,28,36
Monday	June 25	9. Static Equilibrium					
Tuesday	June 26	10. Fluids	10	5,17,28,46,72	July 2	2,20	1,8,23,38,48,81
Wednesday	June 27	10. Fluids					
Thursday	June 28	Exam 2 (Ch. 6-9)					
Monday	July 2	11. Vibrations	5	20,34,41,71	July 5	15	3,25,28,37,52,61
Tuesday	July 3	12. Sound	11	5,15,33,78	July 5	4,14	12,25,42,57
Wednesday	July 4	Holiday					
Thursday	July 5	13. Temperature	15	9,32,58	July 9	9	5,17,27,44,51,80
Monday	July 9	14. Heat	9	11,25,37,53	July 12	6,14	5,19,31,41,58
Tuesday	July 10	15. Thermodynamics	9	10,21,31,42	July 12	3,19	7,12,27,39,61
Wednesday	July 11	15. Thermodynamics					
Thursday	July 12	Final Exam (All Chapters)					