

Instructor: **Prof. Harjit S. Ahluwalia**. *Contact info:* tel: 277-2941, e-mail: hsa@unm.edu, fax: 277-1520, or walk into my Office: Rm 178 in Physics and Astronomy (P & A) Building, 800 Yale Blvd NE. *Office Hours:* Mon, Wed: 6:45 to 7:30 p.m., Rm. 114 or 109 in REH; Fridays, 2 to 3: 30 p.m., at my office.

Text Book: Physics, 6th Edition, Giancoli.

Recommended Homework For P-151/002, Fall 2007

Chapter	Problems #
1.	1, 8, 19, 20, 29, 42, 44, 47
2.	8, 14, 20, 28, 32, 39, 46, 47, 59
3.	2, 3, 10, 14, 17, 20, 35, 62, 64, 67, 68, 69
4.	5, 8, 10, 17, 18, 25, 26, 27, 34, 48, 52, 58, 70
5.	3, 5, 11, 18, 19, 22, 29, 38, 39, 42, 48, 66
6.	4, 8, 12, 15, 22, 26, 30, 37, 40, 49, 62, 69, 72, 81, 86
7.	4, 6, 12, 15, 17, 27, 29, 34, 44, 68, 71
8.	2, 5, 12, 17, 23, 33, 34, 44, 49, 50, 53, 62, 64, 84
9.	1, 3, 11, 12, 18, 20, 21, 25, 26, 27
10.	5, 8, 9, 11, 13, 16, 17, 20, 25, 27, 31, 63, 69, 78
11/12	OMIT
13.	5, 10, 21, 22, 29, 32, 41, 73, 76, 80, 83, 87, 91, 94
14.	4, 7, 10, 15, 18, 21, 25, 32, 39, 40, 42, 48, 53, 55, 60
15.	3, 4, 5, 10, 11, 18, 20, 21, 28, 35, 44, 51, 55, 59

N.B. 1) This list may be updated every Monday. *At least 2 problems will be selected at random for grading* from each chapter. Always bring your Book, the solutions notebook and calculator with you. No excuses! Solutions to graded problems will be posted at class website.

2) Additional help is being provided to you in the form of supplementary instruction (SI) to help you do better on tests. Mr. Paul Thorman (pthorman@unm.edu) will lead these sessions. He will be available before the class on M & W and keep office hours on T and Th at specified times; also, he will conduct Reviews on Tuesdays prior to Class Tests and the Mid-Term exams.

3) Class tests will last one hour and carry **40** points each; Mid-Terms and Final Exam will be comprehensive. Your grade will be based on the **best score in 3 class tests** (normalized to 40 %), **MT 1, 2** (25 % ea), **graded HW** (10 %). If you are at the **median** of the score distributions you earn a grade of B-. At the end of the semester, I will discuss your provisional grade at the student conference. If you accept the recommended grade, you do not have to take the Final Exam. If you don't, you will have to take a comprehensive Final Exam to earn your grade, past scores will be erased. Please plan your activities around the dates for the exams. I may drop a student from the class roster for not turning in HW or missing class tests.

4) Ms. Xiaomo Jing (jingxm@unm.edu) will grade HW, Class Tests and Exams.

5) **Course review** will be on Monday, 5 December (Chap 1 to 15), for the Final Exam.

Dates for Class Tests & Exams:

Class Test 1. Wed. 09/12, (Ch 1 to 3); Class Test 2. Wed. 09/26, (Ch 1 to 5); **MT 1.** Wed. 10/17, (Ch 1 to 8); Class Test 3. Wed 10/31, (Ch 6 to 9); Class Test 4. Wed 11/21, (Ch 10, 13, 14); **MT 2.** Wed. 12/5, (Ch 10, 13, 14, 15). **Student Conference:** Friday, 12 / 7, 7 p.m., in P & A Lobby.
Final Exam: Wed. 12 / 12 / 2007, 5:30 to 7:30 p.m.