

## Physics 108

### Summer 2007

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

TA: Aditya Desai Aditya.Desai@umb.edu

TA office hours: Monday-Thursday 1:45-5:30 PM at S-3-13

#### Final Grade:

Assignments: 10%

Exams 1-3: 50%

Final Exam: 40%

- Be on time for class.
- Bring your calculator to class every day.
- You must hand in answer to the questions (Qs) 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.
- I will e-mail you lecture handouts and solutions to homework problems. Make sure you frequently check your **umb.edu** e-mail.
- A tutor (Fernando.Moreno@umb.edu) is available Mon., Wed. 12:30-5:30; Tue., Thurs. 10:00 – 3:00 at S-3-13. Go to him with questions.
- There will be **no "make-up" exams**.
- Send me an e-mail if you have any problem.

			Assignments		Due date
			Qs	Problems	
Monday	July 16	16. Electric Charge	4, 15	7,12,17,28,34,38,61,67	July 19
Tuesday	July 17	16. Electric Charge			
Wednesday	July 18	17. Electric Potential	4, 14	6,11,19,23,37,39,44,49,62	July 23
Thursday	July 19	18. Electric Currents	5,9	7,10,16,22,30,37,48,58,62,73	July 24
Monday	July 23	18. Electric Currents			
Tuesday	July 24	19. DC Circuits	9,16	3,11,17,20,27,38,51,67,79,84	July 30
Wednesday	July 25	<b>Exam 1 (Ch. 16-18)</b>			
Thursday	July 26	19. DC Circuits			
Monday	July 30	20. Magnetism	11,21	7,15,19,32,36,46,50,78	Aug. 1
Tuesday	July 31	21. Faraday's Law	4, 17	7,9,14,23,34,37,75,80	Aug. 2
Wednesday	Aug. 1	22. Electromagnetic waves	3,8	4,8,11,15,39	Aug. 6
Thursday	Aug. 2	23. Geometric Optics	4,14	5,11,14,20,24,31,39,49,55,73	Aug. 8
Monday	Aug. 6	23. Geometric Optics			
Tuesday	Aug. 7	<b>Exam 2 (Ch. 19-22)</b>			
Wednesday	Aug. 8	24. Wave Nature of Light	8,17	5,9,15,20,26,31,38,43,57,74	Aug. 13
Thursday	Aug. 9	26. Special Relativity	6,15	7,12,17,25,31,36,45,60	Aug. 14
Monday	Aug. 13	27. Early Quantum Theory	10,22	3,8,17,22,28,35,42,55,69,80	Aug. 15
Tuesday	Aug. 14	27. Early Quantum Theory			
Wednesday	Aug. 15	<b>Exam 3 (Ch. 23-27)</b>			
Thursday	Aug. 16	28. Quantum Mechanics	7,15	2,7,12,18,21,25,44,50	Aug. 21
Monday	Aug. 20	30. Nuclear Physics	7,19	4,12,16,22,26,42,56,65	Aug. 22
Tuesday	Aug. 21	30. Nuclear Physics			
Wednesday	Aug. 22	33. Astrophysics	6,15	7,12,15,20,25,32,36,42	Aug. 23
Thursday	Aug. 23	<b>Exam 4 (All Chapters)</b>			