

PHYS 1510 -GENERAL PHYSICS II - SPRING 2008

TIME/LOCATION: 9:30 - 10:45am Tuesday and Thursday in room 236 Parker

TEXT: Serway and Faughn, *College Physics*, 7th edition, Chapters 15-25, 27-29

INSTRUCTOR: Dr. Eugene Oks, 215 Allison, 844-4362, oks@physics.auburn.edu

OFFICE HOURS: 3:00 - 4:30pm Tuesday and Thursday, or by appointment

OBJECTIVE: To provide the basic concepts of Electricity, Magnetism, Optics, and Modern Physics in order to better understand the world around us.

There will be three one-hour tests according to Course Schedule. **No make-up tests are given, and zero is entered for a missed test.** Final exam will be cumulative. Homeworks are not taken up but are crucial to success. The total grade will be based as follows: 10% Lab (on Thursdays); 10% Recitation (on Tuesdays); 45% Tests (3 Tests 15% each); 35% Final exam. **No extra work for extra credit.**

TENTATIVE COURSE SCHEDULE

<u>Dates</u>	<u>Chapter</u>	<u>Homework</u>
Jan 8-10	15	15: 11,13,25,27,41,45,53,55,61,63
Jan 15-17	16	16: 5,9,17,21,27,33,41,44,51,55,61
Jan 22-24	17	17: 5,11,19,25,29,41,47,51,53,57,59,63
Jan 29-31	18	18: 9,13,17,25,27,33,35,47,49,51,55,61
Feb 5	TEST #1	
Feb 7-12	19	19: 9,19,31,33,39,45,53,55,57,59,63,67
Feb 14-19	20	20: 7,15,17,25,31,37,43,47,53,57,61
Feb 21-26	21	21: 3,11,15,21,29,35,39,45,47,57,61
Feb 28	TEST #2	
Mar 4-6	22	22: 7,13,15,23,27,29,33,37,45
Mar 11-13	23	23: 7,13,17,21,23,27,31,41,47,49
Mar 25-27	24	24: 1,3,9,17,29,35,39,45,49
Apr 1-3	25	25: 1,3,5,9,13,15,17,19,53
Apr 8-10	27	27: 3,9,13,19,25,33,36,43,44,53
Apr 15-17	28	28: 1,3,9,11,17,23,27,33,36,41,45
Apr 22	TEST #3	
Apr 24-29	29	29: 3,7,9,13,17,19,23,47,63

FINAL EXAM: Mo., May 5, 9:00am-11:30am