

**Approx Syllabus                      PHYSICS 207 (Section B)                      Summer I 1999**  
**Prof. T. Curtright (Lectures and Discussion Section CX)**  
**Lectures MTWRF 10:05 – 11:30 in Wilder Aud (130 JLK)**  
**Discussions MW 11:40 – 12:20 in Wilder Aud**

WEEK OF	LECTURE TOPICS	CHAPTERS
May 19	Introduction & Electric Fields/Gauss's Law	23/24
May 24	Gauss's Law/Potential/Capacitance	24/25/26
Jun 1	Currents and Resistance/DC Circuits	27/28
Jun 4	Exam I, Fri. 10:05 - 11:30 a.m., Wilder Aud	
Jun 7	B Fields/Sources of B/Faraday's Law	29/30/31
Jun 14	Faraday's Law/Inductance/AC Circuits	31/32/33
Jun 18	Exam II, Fri. 10:05 - 11:30 a.m., Wilder Aud	
Jun 21	Review Mechanical Waves/E & B Waves	16/34
Jun 25	Final Exam, Fri. 10:05 - 11:30 a.m., Wilder Aud	

Chapter references are to *Physics for Scientists and Engineers* by Serway, published by Saunders College Publishing, Fourth Edition. The two midterm exams and the final will be weighted equally. The graded homeworks and quizzes will count together the same as one exam. The lowest of the four scores will be dropped. A student with an unexcused absence from an exam loses the dropping privilege. Attendance may affect your final grade. Students are responsible for signing the attendance sheet when it is passed around.

Discussion sections are considered as separate from the lecture and are mandatory.

The related lab class (PHY209) starts the week of May 24.

You may contact Dr. Curtright by email: [curtright@physics.miami.edu](mailto:curtright@physics.miami.edu); by phone: 305-284-2324 ext 4 (or 8-7138 if you are on campus); or in his office: 325 J.L.Knight Physics Bldg.