

**COURSE REQUIREMENT**  
**PHYSICS 434, Spring 2001, MWF, WOOD #212**

**Office Hours:**

10:00-10:50 MF

Also feel free to drop in at any time.

**Textbook:**

Introduction to Electrodynamics 3rd ed.  
by Griffiths Prentice Hall

Fundamentals of Electromagnetic Phenomena  
by Lorrain, Corson, and Lorrain, W.H. Freeman Co.

**Grading Policy:**

2 hourly in class test	30% (15% each)
Mid-term	25%
Final exam	25%
Homework	20%
Total	100%

***NOTE:** Oklahoma Baptist University is committed to providing equal access to University programs and services for all students. Under University policy and federal and state laws, students with documented disabilities are entitled to reasonable accommodations to ensure the student has an equal opportunity to perform in class. If any member of the class has such a disability and needs special academic accommodations, please report to Mr. Bobby Canty in the Student Services Center, GC 101, as soon as possible to discuss possible accommodations. Reasonable accommodations may be arranged after verification of your situation. Do not hesitate to contact me if any assistance is needed in this process.*

**Grading Scales:**

**Above 90%---A; 80-89%---B; 70-79%---C; 60-69%---D; Below 59%---F**

**Course Outline:**

<b>Date</b>	<b>Subject</b>	<b>Reading Assignment</b>
Jan 29	Review Chap.1 - 4.	
Jan 31	Chap.5.1	
Feb 2	Chap.5.2-5.3.2	Read Chap.14 (LCL)
Feb 5	Chap.5.3.3-5.4.1	Read Chap.15. (LCL)
Feb 7	Chap.5.4.2-5.4.3	
Feb 9	Review Chap.5 and Chap.14, 15	(LCL) Problems
Feb 12	Chap.5. problems	Read Chap.6
Feb 14	Chap.6.1-6.2	
Feb 16	Chap.6.3	Read Chap.16 (LCL)
Feb 19	Chap.6.4, Chap.16	(LCL)
Feb 21	Chap.16	(LCL) problems
Feb 23	Chap.6, Chap.16.	problems
Feb 26	Review	
Feb 28	First Test covers Chap.5-6 and Chap.14-16	(LCL)
Mar 2	Chap.7.1	

Mar 5 Chap.7.1-7.2  
Mar 7 Chap.7.2  
Mar 9 Chap.7.3 Read Chap.17 (LCL)

**Mar 12 - Mar 16, SPRING BREAK**

Mar 19 Chap.7.3, Chap.17 (LCL) Review.  
Mar 21 Chap. problems  
Mar 23 Mid-Term Exam cover Chap.4-7, Chap.14-17 (LCL)

Mar 26 Chap.8.1  
Mar 28 Chap.8.2  
Mar 30 Chap.8 review and problems

Apr 2 Chap.18 (LCL)  
Apr 4 Chap.18 (LCL) problems  
Apr 6 Chap.19 (LCL)

Apr 9 Chap.19 (LCL)  
Apr 11 Chap.19 (LCL) problems  
Apr 13 Chap.20 (LCL)

Apr 16 Second Test Chap.8, Chap.18-20 (LCL)  
Apr 18 Chap.21 (LCL)  
Apr 20 Chap.21 (LCL) problems

Apr 23 Chap.9.1 Read Chap.21 (LCL)  
Apr 25 Chap.9.2, Chap.21 (LCL)  
Apr 27 Chap.9.3

Apr 30 Chap.9.4 Chap.22 (LCL)  
May 2 Chap.9.5  
May 4 Chap.23, 24 (LCL)

May 7 Chap.24 (LCL)  
May 9 Chap.11 Radiation I  
May 11 Chap.25 (LCL) Radiation II

**Final Exam. Tuesday, May 15,**