

**PHY3323-0001 Electricity & Magnetism I, Course ID 008408, Class# 87939
Fall 2016, MSB306, MWF 9:30-10:20am**

Instructor: Dr. Lee Chow

Prerequisite: PHY2049 and MAP2302, or equivalent.

Classroom: MSB306, Time: MWF 9:30am – 10:20am

Credit: 3 credit hours.

Textbook:

“Introduction to Electrodynamics” 4th Edition, (2013) by D. J. Griffiths (Pearson). ISBN: 0-321-85656-2.

This course is the first part of the required two semester Electricity & Magnetism course for Physics majors. E&M is one of the cornerstone courses for physics major. It involves a lot of math and can be very abstract, but at the same time, it also has practical implications in our everyday life ranging from radio, television, cellphone to internet communication.

Homework, assigned and collected weekly, is a very important part of the course. Most home works are not easy and require students to struggle through the questions. It is quite normal to spend a large amount of time on homework. To help, I will organize a regular weekly problem solving session. Location to be determined.

Semester Dates

Classes Begin	Aug. 22
Test #1	Sept. 23
Test #2	Oct. 21
Withdraw deadline	Oct. 31
Labor Day	Sept. 5
Veterans Day	Nov. 11
Thanksgiving	Nov. 24-26
Classes end	Dec. 3
Final	Dec. 9, (7:00 am – 9:50 am)

Office Hour: MWF 10:30 - 11:20am, PSB410.

Recitation: To be announced.

Note:

UCF is required to document students' academic activity at the beginning of each course. In order to document that you began this course, please complete the syllabus quiz on Webcourse by the end of the first week of classes (8/26), or as soon as possible after adding the course. Failure to do so will result in a delay in the disbursement of your financial aid.

Grade Policy

The final grade will be decided based on:

Final	200 points
Two mid-term exams	200 points
Homework	150 points
Quiz & (Clicker)	100 points
<u>Presentation</u>	<u>50 points</u>
Total	700 points.

Tentative schedule

Chapter 1	Aug. 22 – Sept. 2
Chapter 2	Sept 5 – Sept 23
Chapter 3	Sept. 26 - Oct. 14
Chapter 4	Oct. 17 – Oct. 28
Chapter 5	Oct. 31 – Nov. 16
Chapter 6	Nov. 18 – Dec. 2

The final letter grade will be determined based on the following proposed breakdown:

A	85 - 100
B	75 - 84
C	65 - 74
D	55 - 64
F	less than 54

Plus and minus will be considered for borderline cases.