

COURSE INFORMATION	Lecture Location:	SCI 217
	Lecture Times:	MWF 9:00–9:50
	Instructor:	Dr. Karl Frinkle
	Office:	MTH 112
	Office Hours:	MW 9:00–9:50, 11:00–11:50, 13:00–13:50, F 9:00–9:50, 11:00–11:50, TR by appointment only
	Office Phone:	(580) 745–2028
	E-mail:	kfrinkle@se.edu
	Website:	http://homepages.se.edu/kfrinkle and http://masteringphysics.com

TEXT *Sears & Zemansky's College Physics* (9th edition), H. Young, ISBN-10 # 0321733177

ONLINE PORTION *Mastering Physics*, Course ID – MPFRINKLE17235

COURSE OVERVIEW In this course, we will cover many topics related to electricity and magnetism.

As a general education course, this course will satisfy the goals of science reasoning and critical thinking. The goal of the science reasoning component of general education is to promote scientific literacy in students, while the goal of the critical thinking component of general education is to enhance the ability of students to integrate new information with previously acquired information to solve novel complex problems.

COURSE OUTLINE We will cover most, if not all, of the topics from chapters 17 through 30, which covers the major themes of electromagnetism.

COURSE WORK **Homework** for each section will be assigned at the beginning of the semester. You will have exactly one class meeting from the time we cover the required material to finish each homework assignment. All homework will be done online through the *Mastering Physics* web site. Homework problems on the *schedule* document are those which will be done online. These problems, which appear in the text, also appear on the *Mastering Physics* web site, however the online problems may use different values for given quantities. All of the homework assignments will add up to 15% of your final grade.

You will be expected to read the material for each day's lecture in advance. **Reading quizzes** will be given each day during the class. See the *schedule* document on the website for a break down on when we will cover specific sections. In addition to reading comprehension questions, there may be problems based on material we have already covered. Quizzes count for 20% of your final grade.

There will be at least ten **lab exercises**. Lab work will count for 15% of your final grade. For each lab session, you will be expected to: (1) Attend for the entire period, or until lab is complete, (2) Not violate lab rules, (3) Complete the exercise including the lab book notation and calculations, (4) Show all work and calculations, (5) Type up each lab in a scholarly manner, insuring that your name is on all work. Points are deducted for failure to contribute to the lab, copying results, and sloppy work.

There will be a **midterm exam** on February 27th and a **cumulative final exam** on May 4th. The midterm and final exams will account for the remaining 50% of your final grade.

GRADES	<p>Your final grade will be based upon the following items</p> <ul style="list-style-type: none"> ● 20% - Reading/Problem Quizzes ● 15% - Homework ● 15% - Lab work ● 50% - Midterm and Final Exams
POLICIES	<p>You will not be able to make up a quiz or receive credit for any other assignment which you missed the deadline for unless you notify me ahead of time. Given prior notification of an absence, I will ensure that you can take the quiz or hand in your homework at a more convenient time.</p> <p>Cheating will not be tolerated in any shape or form. If you are caught cheating, it will be reported to the appropriate academic offices, and appropriate action will be pursued and you will fail the course.</p> <p>All cell phones, pagers, CD players, laptops, calculators and other such devices must be turned off and put away before class begins. It is also expected that everyone will behave in a kind and courteous manner towards fellow students and the instructor.</p> <p>If you are caught using a cell phone or any other electronic device during class, your final grade will be dropped by one letter grade per incident.</p> <p>I reserve the right to change any policies as I see fit to ensure that you are indeed receiving the best possible education that I can give you in the subject matter at hand. If I feel a certain aspect of the course does not appear to be effective in its method, I will attempt to change it (for the better I hope). All changes will be made in writing.</p>
IMPORTANT DATES FOR SPRING 2015	<ul style="list-style-type: none"> ● 2015.01.12 - Classes begin ● 2015.01.16 - Last day to enroll in or add classes ● 2015.01.16 - Last day to drop a class with no grade record ● 2015.01.16 - Last day to drop a class with refund/no charges ● 2015.01.19 - Martin Luther King Jr Day (no class) ● 2015.03.04 - Assessment Day ● 2015.03.06 - Last day to drop a class with automatic 'W' ● 2015.03.16-20 - Spring Break ● 2015.04.01 - Last day to complete final application for graduation ● 2015.04.03 - Easter Holiday ● 2015.04.10 - Last day to drop a class ● 2015.05.08 - Classes end
SPECIAL ACCOMMODATIONS	<p>Any student needing special accommodations due to a disability should contact the Coordinator for Disability Services, GDJ Student Union, Suite 328 or call (580) 745-2392 (TDD# 745-2704). It is the responsibility of each student to make an official request for accommodations to the Coordinator.</p>
AT-RISK STUDENTS	<p>Any student experiencing mental or emotional issues who desires free, confidential, clinical counseling is encouraged to contact the SE Counseling Center at (580) 745-2988 to schedule an appointment during normal working hours Monday - Friday, 8:00 AM to 5:00 PM. For after hours mental health emergencies, please call SE Campus Police at (580) 745-2911 or the Mental Health Crisis Hotline at 1-(800)-522-1090.</p>