

## Physics 212 Section 1

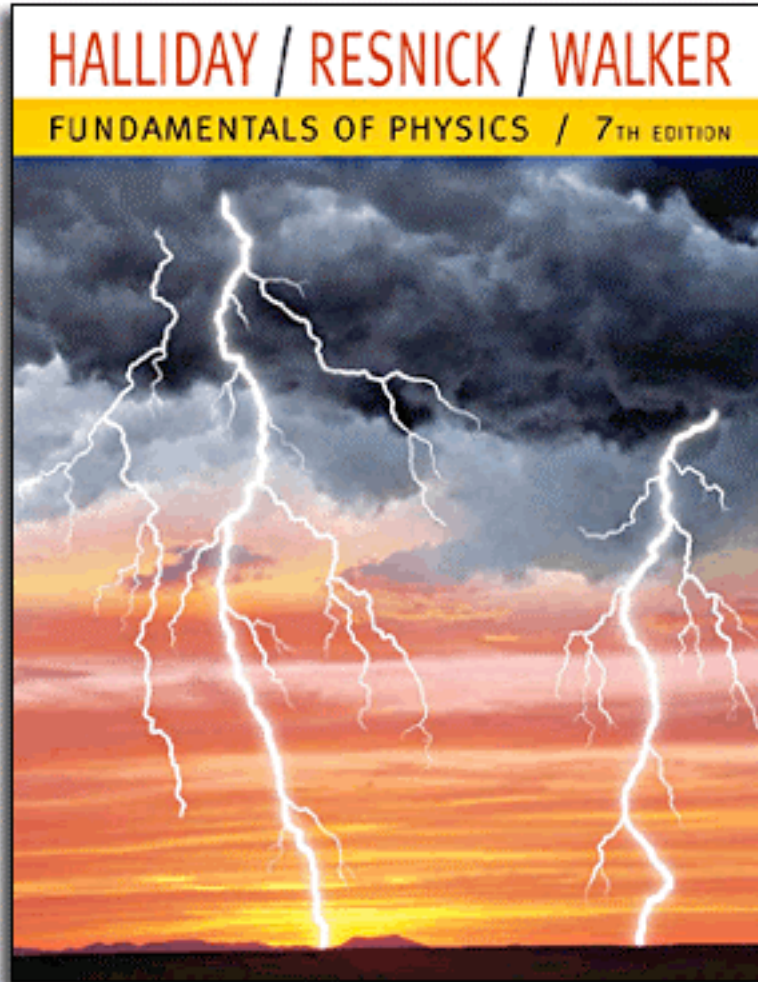
Rob Kroeger x7921

Class Time: 2:00 – 2:50 M, W, F Lewis 101

Office Hours: 11:00 A.M. - 11:50 Mon., Wed., Fri.

Location of my office: Lewis 206

Textbook: Fundamentals of Physics by Halliday, Resnick and Walker 7<sup>th</sup> Edition



You **must** also register for **Physics 222** unless you have specific permission to do otherwise, or have previously taken Physics 222.

Content of the course:

We will cover material from the textbook as follows:

Chapter 21:	Electric Charge
Chapter 22:	Electric Field
Chapter 23:	Gauss' Law
Chapter 24:	Electric Potential/Voltage
Chapter 25:	Capacitance and Dielectrics
Chapter 26:	Current and Resistance
Chapter 27:	DC Circuits
Chapter 28:	Magnetic Fields
Chapter 29:	Sources of Magnetic Field
Chapter 30:	Faraday's Law/ Lenz's Law
Chapter 31:	Oscillations and AC Circuits
Chapter 32:	Maxwells Equations
Chapter 33:	Electromagnetic Waves
Chapter 34:	Light and Geometric Optics
Chapter 35:	Interference
Chapter 36:	Diffraction

Breakdown of credit for the course:

20%	Homework & Quizzes
55%	6 Tests
25%	Final Exam

An overall course average of the following percentages will guarantee the corresponding letter grade:

90%	A
80%	B
70%	C
60%	D

**Please don't** ask to take tests or the final exam at a separate time from the class except in case of emergency. Your final exam will be **Teusday May 9<sup>th</sup>, at NOON. Please make your travel plans accordingly.**

Late homework won't be accepted, but you will have five dropped homework assignments in the course of the term. These are intended to cover all cases of lost or forgotten homework, brief absences, etc. If you joined the class late or in the case of extended absences (more than a week) we can make some adjustment. Problem sets must be turned in at the beginning of class on the day they are due. **Please don't slide homework under my office door.**

Don't turn in homework with ragged edges (spiral paper). Don't use legal size paper or red ink. Please staple the pages together and don't fold them. Please keep all tests and homework. Please **include the problem set number with your homework**. Please write your name in block letters to help out the grader.

In general **I will not drop any test scores. Don't miss a test!**