UNIVERSITY OF TENNESSEE  
Department of Physics and Astronomy  

Physics 221 Elements of Physics  
-----Recitation/Lab-----

Joseph Tubergen  
Tutoring Hour: Thursday 11:15am-12:15pm  
Office: Nielsen 601

Recitation:  
Section 221008 Thursday 1:30pm-2:20pm Nielsen 608  
Section 221007 Friday 1:30pm-2:20pm Nielsen 608

Lab Meeting:  
Section 221008 Thursday 2:30pm-4:25pm Nielsen 508  
Section 221007 Friday 2:30pm-4:25pm Nielsen 508

Introduction

This section of the course will focus on problem solving skills and hands-on labs that will aid in understanding the fundamentals of physics. The recitation section will highlight concepts and ideas that were discussed during the lecture section. The central goal of the recitation section is to strengthen problem solving skills and improve critical thinking. The lab section of the course will explore physics phenomenon via experimental techniques.

Text
Contemporary Introductory Physics Experiments by James E. Parks

Expectations

I expect every student in the class to be courteous and respectful to fellow students as well as the instructor. I expect students to be focused and attentive. You can expect me to be respectful and focused as well.

Class Rules

All electronic devices should be muted. I do not mind minor snacks but do not bring a meal in to eat. Under certain circumstances, food may be banned from the room due to safety and/or the integrity of the lab equipment.
Lab Report

Lab reports should be turned in by the beginning of the next class (either turned in at the beginning of class or put into my box). I expect each report to include an overview of the physics phenomenon under study, the procedure that your lab group used, the data that was collected, an analysis of the data, and remarks on any causes of error, problems, or ways the experiment could have been improved. **I DO NOT ACCEPT LATE WORK!!!!!**

Attendance

Attendance is REQUIRED! I will use a worksheet turned in at the end of lab as a record of attendance. If you do not turn in a work sheet than you may be counted absent! **YOU MAY NOT MISS A LAB!**
I understand circumstances may arise that may result in someone being absent. If this is the case, let me know IMMEDIATELY. If you know you are going to miss a lab before the actual date, you may be able to attend a different lab section at a different time that week.

Grading

I will assign a worksheet during lab that should be completed by the end of lab. I may give a quiz at the beginning of the recitation section. The worksheet, quiz, and lab report will all count towards a single grade for that lab.

- Lab Report %60
- Worksheet %20
- Quiz %20

Honor Pledge

“An essential feature of the University of Tennessee, Knoxville is a commitment to maintaining an atmosphere of intellectual integrity and academic honesty. As a student of the university, I pledge that I will neither knowingly give nor receive any inappropriate assistance in academic work, thus affirming my own personal commitment to honor and integrity.”

University Disability Statement

“Any student who feels s/he may need an accommodation based on the impact of a disability should contact the Office of Disability Services in Dunford Hall, at 865-974-6087, or by video phone at, 865-622-6566, to coordinate reasonable accommodations for students with documented disabilities.”

I reserve the right to make changes to this syllabus at any time during the semester