Instructor: Prof. Steve Peterson / Dana 163 / 894.2077 / stpeterson@davidson.edu

Lecture: 1:30 – 2:20 pm MWF in Dana 146

Office Hours: 10:30 – 12:00 TR, 2:30 – 4:00 W or anytime that my door is open, feel free to stop by.


Web Page: http://www.phy.davidson.edu/FacHome/swp/courses/Fall05-110.html
You will find course information, homework assignments and solutions here.

Objectives: The primary objective of this course is to give you an appreciation of the world around you. Our particular emphasis will be on the forces of nature and the various forms and uses of energy. My hope is that by the end of this course, you will have a basic understanding of how physics impacts your life on a daily basis.

Class Time: The class periods will be a combination of traditional lecture, demonstrations, hands-on exercises, conceptual problems, in-class interactions and multimedia presentations. These class periods will enhance and supplement your study of the textbook. In order to get the most out of the material, it is imperative that you read the relevant textbook material before coming to class. The course schedule has the material broken down by lecture.

Attendance: Class attendance and participation are crucial components of this course. The attendance policy will follow the college’s 25% rule. You are responsible for the material presented in class and for announcements made in class. Please sign in each day, by initialing the sheet posted on the side board.

Homework: Homework will be assigned on a regular basis, consisting of questions and problems taken from the text, as well as worksheets based on hands-on exercises. Homework should be turned in at the beginning of class on the assigned days. The homework questions that are to be turned in can be discussed with other members of your class and with me, but the answer that you put on the paper must be your own work. The word Pledged along with your signature and the date written on your homework signifies your compliance with this requirement. Late work will not be accepted without prior permission, and unpledged work will never be accepted.

Reviews: There will be three in-class reviews during the semester. They will be composed of problems similar to that done in class and on the homework: short answer, discussion, definition, and computational questions. The final exam will be a self-scheduled, closed-book and comprehensive exam during the regular exam period.

Grading: Homework/Worksheets – 30%, Reviews – 45%, Final Exam – 25%

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1 My job is to help you learn physics. I hope to make the experience enjoyable for everyone. Believe it or not, Physics can be fun and exciting.