2013

160, 162 College Physics I and II

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College Physics I & II
Phys 160 & 162
Summer Sessions, 2013

Instructor: Dr. Gregory Braun
745-4237
braung@xavier.edu
Office Hours: M-F 9:00-9:30 and by appointment

Text: Physics, Sixth Ed., by Giancoli

Learning Outcomes
• learning physics principles
• learning to think like a physicist, solving complex problems quantitatively

Class Philosophy
Most of the basic learning you do in this course will be on your own. You learn the material by reading the book ahead of time, and practice problem solving by doing homework. You cannot count on the lecture to provide you with this basic understanding. The in-class portion of the course serves to build on and enlighten your basic learning. We will look at the material from a different viewpoint in class, as well as work on problems as a class and in groups. There will be occasional quizzes, announced or not, to give you and me an idea of where you stand in your understanding. Class attendance is required.

Exams
There will be three exams given during each semester. These dates may change.
CP I: Tuesday, June 11th
    Thursday, June 20th
    Friday, June 28th
CP II: Wednesday, July 10th
    Thursday, July 18th
    Friday, July 26th

There is no class on July 4th.

Grading
highest two exam scores: 35% each
lowest exam score: 20%
homework & quizzes: 10%

87% B+
77% C+
93% A
83% B
73% C
90% A-
80% B-
70% C-

All homework problems are to be turned in the next class. They will be checked to see that they have been completed, and some problems will be graded. Please be neat in your homework assignments, and of course show work.

All three exams must be taken. If an exam is missed and a legitimate written excuse is not provided a zero will be recorded for that exam and will be averaged with all other scores. You will be allowed to use your regular calculator. Once the exam has started, you will not be allowed to leave the room until you are finished. If an exam is missed and a legitimate written excuse is provided before the exam time, a make-up exam may be given. There will be at most one make-up exam.
Chapters we hope to cover:

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<td>3 Motion in Three Dimensions</td>
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<td>4 Newton's Laws</td>
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<td>5 Circular Motion and Gravity</td>
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