

PHY 201 (lecture)
Elementary College Physics I
Dillard University - Fall 2002

revised 13 September 2002

Meeting Times:

Scheduled for STERN 311 M W F 9:00a - 9:50a
In addition, you must be registered for a laboratory section.

Instructor: Rob Salgado

← note the correct spelling

office: Stern 307A

voice: (504)-816-4510

← note the new number

email: rsalgado@dillard.edu

← "the BEST way to reach me"

www: <http://physics.syr.edu/~salgado/>

← temporarily

instant-messengers: AOL, MSN, Yahoo: dillardphysics (do not email here)

Office hours: [consult the webpage above for any revisions to the following schedule]

STERN 307A M W 10:00a-11:00a

T 1:00p- 3:00p

R 5:15p- 6:15p

LEARNING CENTER T 9:00a-11:00a

or drop by my office or make an appointment by email.

Catalog Description: *PHY 201 Elementary College Physics I. (4 credits)*

Treatment of physical principles (for all non-technical and life science majors) of kinematics, dynamics, heat and fluid mechanics, waves and sound. Classes meet three hours per week for lecture and two hours per week for laboratory. [Prerequisite: Mathematics 122 or proficiency.]

Textbook: "College Physics" (4th edition) by Jerry Wilson and Anthony Buffa (published by Prentice-Hall: ISBN: 0-13-082444-5 (4th edition))

Electronic Materials: The textbook has a useful website:

<http://cwx.prenhall.com/bookbind/pubbooks/wilson/>

I will maintain a webpage that lists the assigned problems and solutions:

(temporarily at) <http://physics.syr.edu/~salgado/201/>

Homework: Homework will be assigned but not be collected. We will discuss the homework in class. I guarantee that at least two of those problems will appear on a quiz or exam.

You are encouraged to work on the homework with other students.

However, be sure that you can do the problems by yourself since you'll be working on quizzes and exams by yourself.

If you need help with your homework, please visit me (with your text and your notebook and *with proof that you tried the problems*) during Office Hours.

Classroom Rules:

Come to class ON TIME. Attendance is REQUIRED, in accordance with University regulations (page 17).

Come to class PREPARED, having read or written any assignments.

Turn OFF all phones, pagers, radios, and other disruptive devices.

Limit all discussions to the PHYSICS topic under discussion.

Academic dishonesty will not be tolerated, in accordance with University regulations (page 18).

Treat each other with RESPECT.

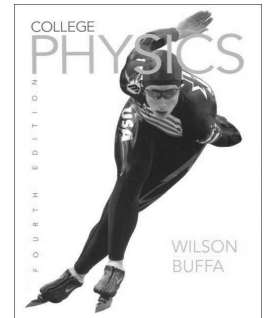
Grades:

- 20% REGULAR QUIZZES
- 30% REGULAR EXAMS
- 20% MIDTERM EXAM
- 30% FINAL EXAM

A=90+, B=80+, C=70+, D=60+, F<60.

This class is not graded on a curve.

Borderline cases (between two letter grades): If your exams show an upward trend or you are an active participant in class, your grade may be nudged upwards.



If you are unhappy with the textbook, FIND ANOTHER ONE from the library! (I did this for every class I took!)

Most of the learning you do in this class is done by **doing homework problems outside of class!**

Exams and Quizzes: QUIZZES are generally given at end of each chapter. They will begin at the start of the class period and will end promptly after ten minutes of that period. [No makeups or extensions. Be on time.] After every three chapters or so, we will have an EXAM on these chapters (instead of a quiz on the recently finished chapter). There is a MIDTERM exam and a FINAL exam.

Missed exams:

If you are absent for an exam, you must present a written excuse to me.

Only if that excuse is valid, your next scheduled exam will carry the weight of your missed exam. Otherwise, you will get no credit for the missed exam.

Course outline (tentatively):

Q=quiz
X=exam
R=review

August during this week, we start
Su Mo Tu We Th Fr Sa
26 28 30 introductions, CH 1 - Units and Problem Solving

September
Su Mo Tu We Th Fr Sa
[2] 4 6 CH 2 - Kinematics
9 11Q 13 CH 3 - Motion in Two Dimensions [Wed: Quiz on Ch 2]
16 18 20X [Fri: Exam on Ch 1-3]
23 25 27 CH 4 - Force and Motion
30Q CH 5 - Work and Energy [Mon: Quiz on Ch 4]

October
Su Mo Tu We Th Fr Sa
2 4
7Q 9 11 CH 6 - Momentum and Collisions [Mon: Quiz on Ch 5]
14R 16X 18 CH 7 - Circular Motion and Gravitation [Wed: MIDTERM Ch 1-6]
21 23Q 25 CH 8 - Rotational Motion and Equilibrium [Wed: Quiz on Ch 7]
28 [30]

November
Su Mo Tu We Th Fr Sa
1Q CH 9 - Solids and Fluids [Fri: Quiz on Ch 8]
4 6 8X [Fri: Exam on Ch 7-9]
11 13 15Q CH 10 - Temperature, CH 11 - Heat [Fri: Quiz on Ch 10]
18 20 22Q CH 12 - Thermodynamics [Fri: Quiz on Ch 11]
25 27[28 29]

December
Su Mo Tu We Th Fr Sa
2R [4 5] [F
I N A L] [tba: FINAL Ch 1-12]