

PHYS 2331 General Physics II Fall 2009

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Office Hours: M 2 PM -3:55 PM, T 2PM-2:55 PM, W 2 PM- 3:55
 PM and by appointment

Text: *University Physics* (12th edition) Young and Freedman

Other requirement: One i-Clicker (available at the bookstore)

Grading:

Your grade will be determined from the following chart:

>= 88%	A
75-87.9%	B
62-74.9%	C
50-61.9%	D
< 50%	F

Exams: There are three exams. Two midterms will be worth 20% each, and the final is worth 30%. **The majority of your class grade is through examination.**

Quizzes: There will be one written quiz a week on Thursdays except for exam weeks. I will drop the lowest score. The quizzes are over the HW and will show me that you have comprehended it. There will also be 'clicker quizzes' which will count your attendance. The quizzes are worth 20%.

Homework: There will be about 20-30 problems assigned per chapter, ranging from very easy to challenging. I highly recommend that you understand the homework problems so that you could "solve them in your sleep." The HW is to be done online and will be graded automatically (with the lowest two grades dropped.) The HW is worth 10%.

Late homework will not be accepted

You are responsible for reading the chapters during the weeks below.

Week of:	CHAPTER_TOPIC
Aug 17	21
Aug 24	22
Aug 31	23
Sep 7	24
Sep 14	24 25
Sep 21	25 26
Sep 28	Exam 1 Ch 21-24 Oct 1
Oct 5	26
Oct 12	27
Oct 19	28
Oct 26	29 Exam 2 Ch 25-28 Oct 29
Nov 2	29 30
Nov 9	30
Nov 16	Parts of 15 & 16
Nov 23	Thanksgiving Break
Nov 30	Parts of 32 & 37
Dec 7	Final Exam Week: Final is on Dec 8 or Dec 10 (TBA)

Grant's physics motto: Anything is easy if you know how to do it.

Need Help?

MSCD: <http://www.mscd.edu/~tutoring/>

UCD: http://www.cuonline.edu/stu_htm/OnlineTutoringWritingCenter.html

Strategies: The tests will be similar to the homework, **and students with excellent comprehension of the homework should do well in the class.** If you find yourself not understanding material, **get help!** Resources include your instructor (me), your lab instructor, your classmates, and the Academic Resource Center (ARC) can provide tutors if necessary.

Exams: All exams are closed book. A list of formulas will be provided, but the student is responsible for understanding the formulas: there will be no explanation of the

variables. Calculators may be used only for calculating numbers, and not for storing formulas. **Telephones will not be allowed as calculation devices.**

Academic honesty: I encourage students to work together in homework discussion groups, and do not consider submission of similar problems academic dishonesty. However, the student who does not understand the homework will do poorly on the exams. All students should uphold the honor system and I will assume that they will unless otherwise notified. From the student handbook:

Plagiarism is the act of appropriating another's work. This includes, but is not limited to the following:

1. The written, artistic, or musical composition of another; or the ideas, language, or symbols of same and passing them off as the product of one's own work.
2. The lifting of a substantial or essential portion of another's work.
3. The unacknowledged use of materials prepared by another person or agency, including Web sites, that may or may not be engaged in the selling of term papers or other academic material.

Cheating is the act of using or attempting to use, in examination or other academic work or material, information, or study aids which are not permitted by the instructor. Cheating includes, but is not limited to:

1. Using books, notes, or calculators, or copying from or conversing with others during an examination.
2. Having someone else do research, write papers, or take examinations.
3. Doing research, writing papers, or taking examinations for someone else.
4. Possession, use, or distribution of tests or other academic material belonging to a member of the college faculty, staff, or other students.

Fabrication is the invention or falsification of material or its source and its use as an authority in academic work. Fabrication includes, but is not limited to:

1. Inventing the data for a scientific experiment.
2. Inventing the title and author of a publication in order to use the invented publication as a source.
3. Knowingly attributing material to an incorrect source.

Class rules: The underlying theme to my class rules is if you are distracting someone you are cutting into their education, and if you are distracting me then you are cutting into 50 people's education. I and other students have found the following activities distracting. Hence:

- **no eating. Yes, that means you.**
- **no cell phones/text messaging**
- **laptops may ONLY be used for taking notes (e.g., no email, Age of Empires or reading the news)**
- **no working on other classes, reading the newspaper, etc.**
- **NB: drinking coffee is ok and probably necessary**

Student Rights and responsibilities:

<http://www.mscedu/academic/catalog/pdf/Rights.pdf>

Disclaimer: I reserve the right to change aspects of this syllabus (but I will not alter exam dates.) Such changes will be declared at the start of class.

Accommodations: Accommodations (taking make-up quizzes, exams, or turning in HW late) will **ONLY** be made for the following situations:

- 1) School related activities such as sports meetings and professional conferences
- 2) Medical issues
- 3) Funerals, etc.

All accommodations must be properly documented. Accommodations will **not** be made for work, weddings, your grandmother's 120th birthday party, etc. If you choose not to come to class so you can attend another event, then that is your choice. I am not responsible for your absence and do not ask me to give you a make-up.

**General Guidelines Department of Physics
The Metropolitan State College of Denver**

Last Revised: 21 September 1998

Described below are some general school and departmental policies of which you should be aware. This is not necessarily a comprehensive list. You should read your Student Handbook and Course Catalog for further information on these or other issues. Questions may be addressed to a faculty member or the department chair (Dr. Sidney Freudenstein: NCG 3123).

Students with Disabilities (both MSCD and UCD students)

Students with disabilities who may need academic accommodations should discuss options with their professors during the **first two weeks of class**.

Incomplete Grades (both MSCD and UCD students)

At the discretion of the instructor, an incomplete (I) may be assigned when a student is unable to take the final examination and/or cannot complete all of his/her out-of-class assignments due to unusual circumstances such as hospitalization. At the discretion of the instructor, incomplete work is made up during the time specified by the instructor. If the work is not made up within the time specified (not more than one year) the grade is converted to a failure (F). The (I) notation may not be awarded in self-paced classes. In any circumstance where an incomplete (I) is desired, a contract between the student and instructor outlining the work and timetable is required.

Withdrawal / Drop Policy (MSCD and UCD students)

Students wishing to drop courses must see the Student Handbook and Course Schedule for appropriate timelines and deadlines, as well as for descriptions of requirements for re-taking courses. See below for discussion of cases when signatures are required. Note that time frames appropriate to the full semester courses are applied to modular courses, weekend courses, workshops, and summer terms.

Signatures (both MSCD and UCD students)

In some instances (e.g. withdrawal from a course after a specified date, etc.) the signature of your professor may be required. You are responsible for understanding when a signature is required, as outlined in your Student Handbook and/or Course Catalog. If a signature is required, you are advised to obtain the signature during office hours or by appointment **well before the necessary deadline**.

Conflicts

If conflicts exist (i.e. with exams, field trips, or other activities) due to religious or other unusual circumstances, you must inform the professor during the first two weeks of class to discuss if any accommodations will be made.