

Physics II (29:082) Fall 2009
MWF 9:30-10:20 LR1 VAN
www.physics.uiowa.edu/~cpryor/082f2009

Instructor

Craig Pryor
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Office Hours

Mon 11:30-12:30
Tues 11:00-12:00
Wed 1:00-2:00

Course Description The emphasis in this course is on the rigorous structure of classical physics and the development of the ability to solve problems. Topics include electricity, magnetism, and optics. We will cover 21-36 in the text, approximately one chapter per week.

Text *Fundamentals of Physics, Vol. II* by Walker, Halliday & Resnick, 8th edition

Registration Any registration changes (adding, dropping, changing sections) must be done in 203 VAN. If you are taking this course as a second grade option, your instructor needs to be notified.

Lab The labs are under the supervision of the teaching assistants who is responsible for grading your lab reports. The manual, is available at the University book store. The lowest lab score will be dropped.

Prerequisites 22M:026 or 22M:032

Corequisites 029:081

Homework is assigned every Tuesday, due the following Tuesday at 3pm. The assignments are completed online, at edugen.wiley.com/edugen/class/cls125134 There will be 8 problems assigned, out of which you will choose any 6 to do.

Exams There will be 3 in-class midterm exams, September 30, November 11 and December 4. The lowest of the three midterm scores (after curving) will be dropped. The final exam will be 7:30 AM, Friday, December 18, 2009.

Grading homework: 20%, lab reports: 20%, midterms: 20% each (two highest), final: 20%. Final grades will be curved according to the CLAS standard curve
http://www.clas.uiowa.edu/faculty/teaching/grading/grading_marks.shtml#distributions

Tutoring Teaching assistants are available for free tutoring in 54 VAN during the hours posted (also see the schedule at www.physics.uiowa.edu/tutorial.html)

Department of Physics and Astronomy Main Office

203 Van Allen Hall
319-335-1686
Chair -- Professor Mary Hall Reno, mary-hall-reno@uiowa.edu

Course Policies

PLAGIARISM AND CHEATING

Plagiarism and cheating are not tolerated. Plagiarism includes but is not limited to copying line for line solutions to assigned problems from other students or from other sources (such as those found online). A student suspected of plagiarism or cheating must be informed in writing as soon as possible after the incident has been observed or discovered. Instructors who detect cheating or plagiarism may decide, in consultation with the departmental executive officer, to reduce the student's grade on the assignment or the course, even to assign an F. The instructor writes an account of the chronology of the plagiarism or cheating incident for the DEO, who sends an endorsement of the written report of the case to the Associate Dean for Academic Programs, CLAS. A copy of the report will be sent to the student. The detailed policy is printed in the Schedule of Courses and the College's Student Academic Handbook.

COMPLAINTS

A student who has a complaint related to a Physics or Astronomy course should follow the procedures summarized below. The full policy on student complaints is on-line in the College's Student Academic Handbook <http://www.clas.uiowa.edu/faculty/handbook/5/f.shtml>. Ordinarily, the student should attempt to resolve the matter with the instructor first. If the complaint is not resolved to the student's satisfaction, the student should go to the course supervisor (if the instructor is a teaching assistant) or to the Departmental Chairman, Professor Thomas Boggess (335-1686). If the matter remains unresolved, the student may submit a written complaint to the Associate Dean for Academic Programs, 120 Schaeffer Hall (335-2633). The associate dean will attempt to resolve the complaint and, if necessary, may convene a special committee to recommend appropriate action. In any event, the associate dean will respond to the student in writing regarding the disposition of the complaint. For any complaint that cannot be resolved through the mechanisms described above, please refer to the College's Student Academic Handbook for further information.

POLICY GOVERNING UNDERGRADUATE AND PROFESSIONAL STUDENTS ENROLLED IN COURSES OUTSIDE THEIR OWN COLLEGE OR DEGREE PROGRAM

This course is given by the College of Liberal Arts and Sciences. This means that class policies on matters such as requirements, grading, and sanctions for academic dishonesty are governed by the College of Liberal Arts and Sciences. Students wishing to add or drop this course after the official deadline must receive the approval of the Dean of the College of Liberal Arts and Sciences. Details of the University policy of cross enrollments may be found at: <http://www.uiowa.edu/~provost/deos/crossenroll.doc>.

PROCEDURES FOR STUDENT COMPLAINTS

A student who has a complaint related to a Physics or Astronomy course should follow the procedures summarized below. The full policy on student complaints is on-line in the College's Student Academic Handbook http://www.clas.uiowa.edu/students/academic_handbook/ix.shtml#4. Ordinarily, the student should attempt to resolve the matter with the instructor first. If the complaint is not resolved to the student's satisfaction, the student should go to the course supervisor (if the instructor is a teaching assistant) or to Associate Chair, Professor Paul Keiber. If the matter remains unresolved, the student may submit a written complaint to the Associate Dean for Academic Programs, 120 Schaeffer Hall (335-2633). The associate dean will attempt to resolve the complaint and, if necessary, may convene a special committee to recommend appropriate action. In any event, the associate dean will respond to the student in writing regarding the disposition of the complaint. For any complaint that cannot be resolved through the mechanisms described above, please refer to the College's Student Academic Handbook for further information.

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STUDENT RIGHTS AND RESPONSIBILITIES

All students in the College have specific rights and responsibilities. You have the right to adjudication of any complaints you have about classroom activities or instructor actions. Information on these procedures is available in the Schedule of Courses and on-line in the College's Student Academic Handbook (http://www.clas.uiowa.edu/students/academic_handbook/). You also have the right to expect a classroom environment that enables you to learn, including modifications if you have a disability. Your responsibilities to this class-and to your education as a whole-include attendance and participation. You are also expected to be honest and honorable in your fulfillment of assignments and in test-taking situations (the College's policy on plagiarism and cheating is on-line in the College's Student Academic Handbook http://www.clas.uiowa.edu/students/academic_handbook/). You have a responsibility to the rest of the class-and to the instructor-to help create a classroom environment where all may learn. At the most basic level, this means that you will respect the other members of the class and the instructor, and treat them with the courtesy you hope to receive in turn.

ILLNESS

Public health authorities have recommended that people with flu-like illnesses stay home and not return to public spaces until 24 hours after they have no fever. In order to prevent the spread of disease, please do not come to class, meet with other groups of students, attend office hours, or contact offices in person while you are ill. Based on this recommendation, I

will not require you to report to a doctor or to Student Health to verify a flu-like illness if you are ill, please complete an illness-absence form (http://www.registrar.uiowa.edu/forms/H1N1_absence_form.pdf) when you are well enough to do so. Your grade will not be penalized for absences if you are following the recommendations of health authorities.

AVAILABILITY OF MODIFICATIONS

I would like to hear from anyone who has a disability, which may require some modification of seating, testing, or other class requirements so that appropriate arrangements may be made. Please contact me during my office hours. Students with disabilities should also contact the Office of Student Disabilities Services (335-1462).