

# Physics 2010/2020 - General Physics - Summer 2008

LECTURER	Rich Ingebretsen
OFFICE B-7	James Fletcher Building
OFFICE HOURS	By appointment
OFFICE PHONE	581-7166
email	richi47@comcast.net
SECRETARY	Mary Ann Woolf, 205 JFB, 581-4246, <a href="mailto:woolf@physics.utah.edu">woolf@physics.utah.edu</a>
MARSHALL	Matt Olmstead, <a href="mailto:olmstead@physics.utah.edu">olmstead@physics.utah.edu</a>
LECTURE TIME	M-F 8:00 a.m. to 9:30 a.m. (JFB 101) <i>Monday through Friday</i>
DISCUSSION	M-F 10:00 a.m. to 11:30 <i>Monday through Friday</i>
EXAM TIME	Every Friday, 12:00 p.m. to 2:00 p.m., exception: 2020, Exam 2, Thurs., July 2
FINAL EXAMS	(2010) Friday, June 20, 12:00 - 3:00 p.m., HEB 2008 (2020) Wednesday, July 31, 12:00 - 3:00 p.m., OSH Auditorium
HOLIDAYS	Monday, May 28 (Memorial Day) Friday, July 4 (Independence Day) Thursday, July 24 (Pioneer Day)
WEB PAGE	<a href="http://www.physics.utah.edu/Classes-summer.html">http://www.physics.utah.edu/Classes-summer.html</a>
WebAssign	<a href="https://www.webassign.net/utah/login.html">https://www.webassign.net/utah/login.html</a>

## Discussion

Discussion sections meet at 10:00 and run until 11:30. You will also get your exams back in that section.

2010-002	AEB 340	Justin Peel
2010-003	JTB 110	Eric Twarog
2010-004	JTB 320	Jacque Jackson
2010-005	LS 111	Brendan Pankovich
2010-006	NS 203	Sang-Yun Lee

## Text

*Physics* - Cutnell and Johnson, 7<sup>th</sup> Edition There are other supplementary texts that are optional. Selected solutions, interactive learning, and other material can be found at: [www.wiley.com/college/cutnell](http://www.wiley.com/college/cutnell). You can purchase texts from the web.

## Prerequisites

Trigonometry  
College algebra

## Assistance

1. Discussion instructors will be available in the **help lab**, which is located in 325 James Fletcher Building. The hours will be posted on the course web page. You will have the opportunity to get assistance, along with help from other students. More information will be given about this later.
2. Rich Ingebretsen - do not hesitate to come in if you are having problems.
3. Cutnell and Johnson's web page at: [www.wiley.com/college/cutnell](http://www.wiley.com/college/cutnell)
4. Classmates are often excellent sources for help. Be sure you get one or two phone numbers of classmates for help, clarification of notes, updating, items missed, a shoulder to cry on, etc. Group study has been shown in a large number of studies to be an effective method for students to be successful learners in a demanding subject.
5. WebAssign forum.

## Course Mechanics

- A. There will be five midterm examinations given on Fridays at 12:00 p.m. in 2008 HEB. **No exams will be dropped when determining your grade. You must take every exam.** In addition, **there will be no make-up or early exams given.** Exam coverage will be from the previous exam to that work most recently covered in discussion. The exams will be mostly problem solving and an occasional interpretative question. Maximum score will be 100 points on each exam.
- B. **Test taking procedures:** Bring a picture I.D. to the test. You may also bring 1 (and only 1) 3 × 5 card (hand-written only) and a calculator. Seats will be assigned. We will not regrade exams done in pencil. It is too easy to erase and change answers. We suggest that you use an erasable pen. It becomes indelible after several hours. A key to each exam will be posted on the course web page by Monday afternoon. See the address at the top of the page.

C. **Final:** There will be a comprehensive final exam which covers all the chapters from that semester. Maximum score for the final exam is 250 points.

D **Homework/Discussion:** The total homework scores will be scaled to a maximum of 150 points, based on your work in the on-line homework system, WebAssign. All homework is submitted within the WebAssign environment Do not disregard the importance of the homework part of your course grade. It has the same value as a midterm exam. With a few exceptions, there will be 4 homework assignments each week (Monday, Tuesday, Wednesday and Thursday). Your final HW submission must be done no later than 7:30 a.m. on the next morning. The purpose of the discussion section is to allow you to get all the assistance you need to help you submit finished and correct homework. Do not disregard the importance of the discussion part of the course. In general, students who attend discussion sections regularly, do better in the course. The actual assignments are accessed individually by each student when they enter the WebAssign site (<https://www.webassign.net/utah/login.html>).

E. **Grading:**

The final course grade will be determined by how many total points out of the maximum points you earn. As of the present moment, no course mean has been set. You can anticipate a course mean somewhere near a B as a traditional mean for this physics course.

Exams	500 points total
Final Exam	250 points total
Homework	<u>150 points total</u>
<b>Total points</b>	<b>900 points total</b>

**Regrading:** It is understood that there will be times when you receive a graded exam and you do not understand why certain points have been taken off, how the point deductions were made, an actual grading error was made, or you think the grader missed something. If you have a problem with the exam grading use the following procedure

1. Obtain a regrade sheet from the course web site. Fill in the form and attach the problem in question to the form (one problem per form). Be specific about the error. **Give the regrade sheet to Dr. Ingebretsen.**
2. NOTE: We copy the original exams and compare them to those that are resubmitted for a regrade.

F. **Adding and Dropping:**

Last day to drop (delete) classes with no tuition penalties is Wednesday, May 21

Last day to withdraw from session classes is Friday, June 20

Last day to add classes is Tuesday, May 27

Tuition payment due Friday, May 27

### **A Final Reminder**

The summer physics course covers all of the material which is taught during the Autumn and Spring Semesters. We move quickly covering 2 - 3 chapters each week. Where people have had problems in the past it has been due to several factors. One suggestion is to avoid working. For some, this is easier said than done; if you can cut back or quit and devote your time to the course, you will do better. Another problem that comes up each summer is missing class. We move so quickly, that missing one week is approximately the same as missing three or four weeks of class during the regular year. **Try not to miss class.** Much of what is on each exam comes from what is said in lectures. You will have holidays during the summer. Also, homework is due on-line by a specific time--after that time has elapsed you will not be able to submit homework. Don't miss discussion. The TA's are "in tune" to what will be covered on the exams. They are a great resource and will help "prep" you for the course. It is my policy that everyone can get an "A" in the course. The exams are designed to test your knowledge on a particular subject, not to create a "curve." We want you all to do well.<sup>3</sup>

***Students with Disabilities:*** The University of Utah Department of Physics seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in this course, reasonable prior notice must be given to the instructor and to the Center for Disability Services, 162 Olpin Union Bldg, 581-5020 (V/TDD) to make arrangements for accommodations. You are strongly encouraged to come and talk to the instructor about your disability and necessary accommodations within the first two weeks of the semester.