

Physics 1444-002, Spring 2011, Science Hall Room 103 TuTh 12:30-1:50

Instructor: Andrew Brandt 272-2706, brandta@uta.edu

Office Hours: Mon. 3:00 – 4:00, Tu 2:00-3:00 Th 2-2:30, by appointment (344 CPB)

Textbook: "Physics for Scientists+Engineers" Volume 2 by Giancoli (4th Ed.)

***get version with Mastering Physics, else need to buy M.Phys. online

Prereq: Physics 1443, Calculus I

Webpage: <http://www-hep.uta.edu/~brandta/teaching/sp2011/teaching.html>

1. Grades will be weighted as follows:

Homework	20%
Quizzes	10%
Lab	20%
Tests (best 2/3 of mid-terms+final)	50%

2. *TEST DATES and MATERIAL TO BE COVERED:

The second half of a one-year technical course: the study of physical phenomena including electricity, magnetism, circuit theory, light, and optics.

Test 1	(~Chapters 21-25)	Now Tues. Mar. 8 due to snow
Test 2	(~Chapters 26-29)	Now Thurs. Apr. 14
Final	(~Chapters 21-34, with focus on new material)	Thurs. May12 (11:00-1:30)

*Changes in test dates may be made during the semester (but probably not).

3. Homework: will be done with Mastering Physics

<http://www.masteringphysics.com/>

Course ID: MPBRANDT15116

And must be submitted by the due date for credit.

4. Attendance is not taken or explicitly required, HOWEVER, periodically short pop quizzes will be given to check that you are reading the material. No makeups for missed pop quizzes. The lowest one will be dropped.

5. You must sign up for a lab session, unless you are exempt (requires my signature on a form recognizing a previously taken lab section. GO TO LAB EVERY WEEK!!

6. Important dates:

2/22/11 Census Date

3/14-3/19/11 Spring Break no class

4/01/11 Last Drop Date

7. Make-up tests will not be given. A missed test will count as your lowest test and be thrown out. A 2nd missed test will likely result in your failing the class.

8. No cell phones, programmable calculators, or laptops on test day please

9. The primary objective of this course is to provide a basic understanding of the fundamentals of electricity and magnetism. Student learning outcomes include the ability to solve problems involving the concepts of electricity and magnetism and will be measured with designated problems on the exams.

THE USUAL DISCLAIMERS

Drop Policy: Students may drop or swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period. After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student's responsibility to officially withdraw if they do not plan to attend after registering.

Students will not be automatically dropped for non-attendance. Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. Contact the Financial Aid Office for more information.

Americans with Disabilities Act: The University of Texas at Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including the *Americans with Disabilities Act (ADA)*. All instructors at UT Arlington are required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of that disability. Any student requiring an accommodation for this course must provide the instructor with official documentation in the form of a letter certified by the staff in the Office for Students with Disabilities, University Hall 102. Only those students who have officially documented a need for an accommodation will have their request honored. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at www.uta.edu/disability or by calling the Office for Students with Disabilities at (817) 272-3364.

Academic Integrity: It is the philosophy of The University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include suspension or expulsion from the University. According to the UT System Regents' Rule 50101, §2.2, "Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts."

Student Support Services Available: The University of Texas at Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. These resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals to resources for any reason, students may contact the Maverick Resource Hotline at 817-272-6107 or visit www.uta.edu/resources for more information.

Electronic Communication Policy: The University of Texas at Arlington has adopted the University "MavMail" address as the sole official means of communication with students. MavMail is used to remind students of important deadlines, advertise events and activities, and permit the University to conduct official transactions exclusively by electronic means. For example, important information concerning registration, financial aid, payment of bills, and graduation are now sent to students through the MavMail system. All students are assigned a MavMail account. **Students are responsible for checking their MavMail regularly.** Information about activating and using MavMail is available at <http://www.uta.edu/oit/email/>. There is no additional charge to students for using this account, and it remains active even after they graduate from UT Arlington.

To obtain your NetID or for logon assistance, visit <https://webapps.uta.edu/oit/selfservice/>. If you are unable to resolve your issue from the Self-Service website, contact the Helpdesk at helpdesk@uta.edu.