

Physics 1444-003, Fall 2012, Science Hall Room 103 12:30-1:50

Instructor: Andrew Brandt (817) 272-2706, brandta@uta.edu

Office Hours: Mon. 4:00 – 5:00, Tu 2:00-3:00, after class, 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/fa2012/teaching.html>

1. Grades will be weighted as follows:

Homework	20%	Standard grade scale
Lab	20%	applies 90-100=A;
Tests (2 mid-terms+final)	20% each	80-89.5=B, etc.

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)	Tues. Oct. 2
Test 2	(~Chapters 26-29)	Thurs. Nov. 13
Final	(Inclusive through ~ch32)	Thurs. Dec. 6 (11:00-13:30)

*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: MPBRANDTFA2012 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 for extra credit to check that you are reading the material. No makeups for missed pop quizzes.

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 and turn in your write-ups!

6. Important dates:

9/03/12	Labor Day
9/10/12	Census Date
10/31/12	Last Drop Date

7. Make-up tests will not be given except in extreme circumstances.

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 classes using MyMav from the beginning of the registration period through the late registration period. After the late registration period, students wishing to drop must see their academic advisor prior to the final drop date. **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. For more information, contact the Office of Financial Aid and Scholarships (<http://wweb.uta.edu/ses/fao>).

Grade Grievance: In attempting to resolve any student grievances regarding grades, it is the student's obligation first to make a serious effort to resolve the matter with the individual with whom the grievance originated.

Americans with Disabilities Act: The University of Texas at Arlington is committed to both the spirit and letter of all federal equal opportunity legislation, including the *Americans with Disabilities Act*. All UTA instructors 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 a certified letter documenting the 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: All students enrolled in this course are expected to adhere to the UT Arlington Honor Code: *I pledge, on my honor, to uphold UT Arlington's tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence. I promise that I will submit only work that I personally create or contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.* Per UT System Regents' Rule 50101, §2.2, suspected violations of university's standards for academic integrity (including the Honor Code) will be referred to the Office of Student Conduct. Violators will be disciplined in accordance with University policy, which may result in the student's suspension or expulsion from the University.

Student Support Services: UT 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. Resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may contact the Maverick Resource Hotline by calling 817-272-6107, sending a message to resources@uta.edu, or visiting www.uta.edu/resources.

Electronic Communication: UT Arlington has adopted MavMail as its official means to communicate with students who shall be responsible for checking their inbox regularly. For more information about this free service, see <http://www.uta.edu/oit/cs/email/mavmail.php>.

Student Feedback Survey: At the end of each term, students will be asked to complete an online Student Feedback Survey (SFS) about the course and how it was taught. Instructions on how to access the SFS system will be sent directly to students through MavMail approximately 10 days before the end of the term. UT Arlington's effort to solicit, gather, tabulate, and publish student feedback data is required by state law; student participation in the SFS program is voluntary.