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Office hours will be posted on instructor's schedules. Other times by appointment.

**COREQUISITE:** Math 111.

**COURSE MATERIAL:**

- **Textbook:** Physics for Scientists and Engineers, NJIT PHYS 111, Eighth Edition, by Serway and Jewett.
- Physics Laboratory Manual
- **Classroom Response System** called "iClickers": Ask your professor if you will be using an "IClicker". They are available exclusively in the NJIT bookstore. If they are used in your class, please bring your clicker to each class.
- **WebAssign Online Homework System:** Be sure that your textbook is sold bundled with a WebAssign access coupon. Each student must enroll in the course specified by his/her instructor. Homework assignments will be posted on-line in WebAssign. Students login, download and solve the assigned problems, and submit answers to the automated grading system.

**NOTE: THE LABORATORY COURSE, PHYS 111A, MUST BE TAKEN CONCURRENTLY WITH PHYS 111. THE STUDENT MUST REGISTER FOR BOTH THE LEC/REC AND THE LAB COURSE. WITHDRAWAL FROM EITHER COURSE WILL CAUSE A SIMULTANEOUS WITHDRAWAL FROM BOTH COURSES.**

**ATTENDANCE:** It is expected that students will attend all lectures and recitations. Attendance will be taken at all classes and exams. More than 3 unexcused absences (in total) is excessive. If you have excusable absences contact your instructor or the Dean of First year Students. If you must withdraw from the course, do it officially through the Registrar. Do not simply stop attending and taking exams: that forces the instructor to assign a course grade of "F".

**HELP:** Visit or email your instructor if you are having trouble with the course; do not simply hope for a miracle and fall further behind. The Physics Dept. office on the 4<sup>th</sup> floor of Tiernan has specific information on tutoring. Physics tutoring is available through the CAPE organization, and possibly elsewhere.

**GRADING:** Your final letter grade in Phys 111 will be based on a composite score for term's work that includes the common exam scores, the final exam lecture quizzes, and the homework score

1) Common Exams Three common exams will be given during the semester. The exam schedule is:

- **Common Exam 1:** Monday, February 25<sup>th</sup> 4:15 – 5:45 PM
- **Common Exam 2:** Monday, March 25<sup>th</sup> 4:15 – 5:45 PM
- **Common Exam 3:** Monday, April 15<sup>th</sup> 4:15 – 5:45 PM

In-class I-Clicker Questions/quizzes covering the preceding or current work may be given during lectures and/or recitations. Those scores count toward your final course grade. **There are no make-ups for in class activities.** Students missing an I-Clicker question/ quiz will receive a grade of zero for that item. The general policy is that students who miss a common exam will receive a score of zero for that Exam. That score will be included in the calculation of your final grade. Students that miss two common exams automatically fail the course. Students who anticipate an absence from a common exam should discuss their situation with their instructor PRIOR TO their absence. In order to be qualified to receive a "make-up" common exam score (a very rare occurrence), the student should present documentation for not being able to take the test as scheduled. As is the standard policy of NJIT, this documentation should be presented to the student's Physics 121 instructor AND to the Dean of Students - (973) 596-3466, 2nd floor Campbell Entry. BOTH the Physics 121 instructor and Dean of Students must concur in permitting a "make-up" common exam. Students who miss common exams that do not present documentation within 7 days of the common exam will receive a score of zero for the common exam.

In the event that the above qualification is met, a separate make-up test for the missed common quiz will not be offered. Instead, the portion of the final exam relevant to the contents of the missed test will be considered for giving a grade for the missed test. The instructor will evaluate the final exam questions from those chapters and normalize this portion of the student's grade for the missed common quiz.

2) Lecture Quizzes A short quiz will be given during each lecture period.

3) Homework Homework assignments will be posted on-line using WebAssign Homework System. Your instructor will announce the ID number for your course section. You will need it when you set up your login on the WebAssign web site and enroll in your section of the course. Please register for the correct section. WebAssign login: [http:// webassign.net](http://webassign.net). Homework due dates will be announced. The recommended problems from the text (see syllabus) will be discussed during the recitation class.

4) Final Exam **Comprehensive Final Exam will be given** during Final Exam Period .

**Final Letter Grades** : Here are the approximate weights to be used for calculating the composite score:

- **51%** for all three common exams (17% each)
- **29%** for the final exam
- **12%** for the total of homework work
- **8%** for the all in-class quizzes

The cutoff percentages for various letter grades will be in the range of 85% for A, 80 % for B+, 70% for B, 65% for C+, 55% for C, and D or F below 50 %. **Final grades are not negotiable: A score of 84.999999% is a B+, not an A.**

**HONOR CODE STATEMENT:** NJIT has a zero-tolerance policy for cheating of any kind and for student behavior that disrupts learning by others. Violations will be reported to the Dean of Students. The penalties range from a minimum of failure in the course plus disciplinary probation up to expulsion from NJIT. Avoid situations where your own behavior could be misinterpreted as dishonorable. **Students are required to agree to the NJIT Honor Code on each exam, assignment, quiz, etc. for the course.**

Turn off all cellular phones, wireless devices, computers, and messaging devices of all kinds during classes and exams. Please do not eat, drink, or create noise in class that interferes with the work of other students or instructors. Creating noise or otherwise interfering with the work of the class will not be tolerated.