

# PHY/ENS 119 COURSE SYLLABUS

## INSTRUCTORS:

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**LECTURE:** MWF 11:45am – 12:40 pm, in room 201, Heavy Engineering

**LABORATORY:** Weekly, Mon or Tues or Wed (check lab sec. no.), room A-128 Physics.

Descriptive handouts will be distributed prior to each lab. Lab Notebooks (National Engineering and Science Notebook, #33-610) are available in the bookstore. **No labs until week of 1/31.**

**TEXT:** Kirkpatrick & Francis, *Physics: A Conceptual World View*, 7<sup>th</sup> ed.

**MAIN TOPICS:** The course will cover material presented in selected chapters of the text. Main topics will include units and measurement, kinematics, Newton's laws, work, potential and kinetic energy, momentum, conservation laws, gravitation, heat, fluids, electricity and magnetism, periodic motion and waves, sound, light, atomic and nuclear physics.

**HOMEWORK:** Assignments will be made each week, to be turned in for grading.

**EXAMS:** Two midterm exams, Friday March 4, and Friday April 8. A comprehensive final exam on Friday, May 13, 11:15 am – 1:45 pm, RTBA.

**GRADING:** The course grade will be based on:

Midterm exams -	30%
Final Exam -	30%
Lab Work -	30%
Homework -	10%

**Note however**, students with a failing average in the exams cannot pass the course, no matter what their lab/homework grades may be.

**DISABILITY SUPPORT SERVICES (DSS) STATEMENT:**

If you have a physical, psychological, medical or learning disability that may impact your course work, please contact Disability Support Services, ECC (Educational Communications Center) Building, room 128, (631) 632-6748. They will determine with you what accommodations, if any, are necessary and appropriate. All information and documentation is confidential.

Students who require assistance during emergency evacuation are encouraged to discuss their needs with their professors and Disability Support Services. For procedures and information go to the following website: <http://www.stonybrook.edu/ehs/fire/disabilities> ]

**ACADEMIC INTEGRITY STATEMENT:**

Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Faculty are required to report any suspected instances of academic dishonesty to the Academic Judiciary. Faculty in the Health Sciences Center (School of Health Technology & Management, Nursing, Social Welfare, Dental Medicine) and School of Medicine are required to follow their school-specific procedures. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to the academic judiciary website at <http://www.stonybrook.edu/uaa/academicjudiciary/>

**CRITICAL INCIDENT MANAGEMENT:**

Stony Brook University expects students to respect the rights, privileges, and property of other people. Faculty are required to report to the Office of Judicial Affairs any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, or inhibits students' ability to learn. Faculty in the HSC Schools and the School of Medicine are required to follow their school-specific procedures.