

PHY/ENS 119 COURSE INFORMATION

INSTRUCTORS:

Prof. Erlend Graf
Office: B-101, Lab A-133, Physics
Phone: 632-8173, 632-8069
E-mail: egraf@notes.cc.sunysb.edu

Prof. Malcolm Bowman
215 Endeavour Hall
632-8669
Malcolm.Bowman@stonybrook.edu

LECTURE: MWF 11:45 am – 12:40 pm, room P-125 Physics

LABORATORY: Weekly, Monday 12:50 – 3:40 pm, 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.

TEXT: Kirkpatrick & Francis, *Physics: A World View*, 6th 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 in each week, to be turned in for grading.

EXAMS: Two midterm exams, Friday Oct 17 and Friday Nov 28. A comprehensive final exam on Monday, Dec 22, 2-4:30 pm (room TBA).

GRADING: The course grade will be based on:

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

If you have a physical, psychiatric, medical or learning disability that may impact on your ability to carry out assigned course work, we urge you to contact the staff at Disability Support Services (DSS), Room 128 Educational Communications Center, 632-6748. DSS will review your concerns and determine, with you, what accommodations are necessary and appropriate. All information and documentation of disability are confidential.