PHYSICS 125 COURSE INFORMATION

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

LECTURE: MWF 8:30 – 9:25 am, Grad Physics, room P-113.

RECITATION: Once per week, as listed in course schedule. No recitations during first week of classes.

LABORATORY: Once per week, as listed in course schedule, room A-126.
Descriptive handouts will be available prior to each lab on the course website on Blackboard. Lab notebooks (Science Notebook, #77610, with notebook and graph paper combination) are available in the bookstore. Lab reports are due two days after each lab. No labs during first week of classes.

TEXT: Wolfson, Essential University Physics, (Pearson Addison-Wesley)

MAIN TOPICS: The course will cover material presented in Chapters 1 through 12 of the text. Main topics include units, vectors, kinematics, Newton’s laws and their applications, work, power, potential and kinetic energy, momentum and collisions, rotational kinematics and dynamics, equilibrium, gravitation and planetary motion.

HOMEWORK: Assignments will be made in each week, to be prepared for submission at the following week’s recitation meeting.

EXAMS: Two midterm exams; Friday, February 29 and Friday, April 4. A comprehensive final exam on Wednesday, May 14, 8:00-10:30 a.m. Rooms TBA.

GRADING: The course grade will be based on:

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<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Midterm exams</td>
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<td>Final Exam</td>
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<td>Lab Work</td>
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<td>Recitation</td>
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Americans with Disabilities Act:

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.
**Academic Integrity:**

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. 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.