Physics 125 is a course in Classical Physics intended for students at the freshman and sophomore level. The course provides an introduction to classical mechanics through rotational motion, rigid body equilibrium and gravitation. This material is covered in chapters 1 through 12 in Wolfson, the required text. The course is intended for majors in Physics as well as other sciences, mathematics and engineering. The course consists of three lectures, a two hour laboratory and a one hour recitation per week.

1. **Required Material:**
   - Textbook: Essential University Physics by Richard Wolfson including “Mastering Physics”
   - Lab Notebook, [77610 or equivalent]
   - Scientific Calculator [with trig functions] for homework problems, laboratories, recitation quizzes and exams
   - Einstruction CPS “Clicker”

2. **Lecture:**  MWF 8:30-9:25
   - Instructor: Linwood Lee, Office C-106, phone 632-8116
   - email: linwood.lee@stonybrook.edu
   - Office hours: TuTh 9:15-10:15, M 9:30-11:00 and by appointment. Extra office hours will be announced each Monday in lecture.
   - You are responsible for all announcements made in lecture
   - You should read the assigned text material before it is discussed in lecture.
   - There will be occasional quizzes in lecture on covered material

3. **Homework:** Every Monday in lecture a set of homework problems will be assigned. The homework is due the following week in recitation. The homework will be collected, selectively “graded” and returned the following week. Homework solutions will be posted soon after they are due as Course Documents on Blackboard.

4. **Recitation:** The recitation provides an opportunity for informal discussion of all of the course material and to go over the homework problems. The assigned homework will be collected and there will be occasional quizzes. **Attendance in recitation is mandatory.** Recitations will start September 10.

5. **Laboratory:** Starting September 17 you will perform a set of experiments illustrating the material discussed in lecture. After writing up the result of your experiment you will hand in your lab report to your lab instructor at a time to be determined. **All lab data and your report must be in your lab notebook.** Your report will be graded and returned to you at the next lab meeting. There will be point deductions for late hand in. **You are expected to perform and write up all laboratories.** Failure to do so will result in severe deduction from your course grade including possible failure of the course. Details regarding the handing in and grading of lab reports will be provided at the first lab meeting. A schedule of laboratory meetings is attached.
   - Laboratory instructions are available on Blackboard as Course Documents.

6. **Exams:** There will be two midterm exams and a final exam on dates indicated on the attached lab and exam schedule. Midterm exams will be given during the regular lecture hour at locations to be announced in lecture.

7. **Grade:** Your final course grade will be determined by weighting the various portions of the course as follows.
   - Midterms: 15% each
   - Final exam 30%
Recitation 10%
Lecture “clicker” participation 5%
Laboratory 20%

8. Help: The course instructors will be available during office hours and by appointment for help with questions related to the homework problems and/or general understanding of the course material. For questions regarding the laboratory you should see your laboratory instructor. You are encouraged to come and ask questions; we are here to help you master the course material. ABOVE ALL do not get behind; it is very difficult to catch up in a Physics course. We urge you to seek help at office hours as soon as you have any difficulty, not just before exams.

DISABILITY INSTRUCTIONS
If you have a physical, psychiatric/emotional, medical or learning disability that may impact on your ability to carry out assigned course work, I urge that you contact the staff in the Disability Support Services office [DSS], 632-6748/9. DSS will review your concerns and determine, with you, what accommodations are necessary and appropriate. All information and documentation of disability is confidential.