PHYSICS 198
PHYSICS AND MATHEMATICS REVIEW

Class Time: 9:00-10:50 am, Tuesday, 1st block
Class Room: C-460 ESC

Text: Physics for Scientists and Engineers, vol. I, fifth edition, by Serway and Beichner (if you have a previous version it may still work except that the homework problems may have different numbers or have been changed for the newer edition)

Instructor: Dr. Bryan G. Peterson
Office: N-355 ESC
Phone: 422-7417
Research area: C-341 ESC
Research phone: 422-5665
Office Hours: 10:30-11:30 am, MWF, and by appointment (or anytime you can find me in my office or research area)
E-mail: bryan.peterson@byu.edu

The focus of this course will be the introductory physics of Physics 121 - Newtonian mechanics. Because math is the language of physics, we will also be reviewing the required mathematics as it is needed.

We will be covering one chapter in the text for each hour of class. Most weeks we will cover two chapters per day. It is expected that you will read and review the chapters before class.

In class we will discuss the content of the chapter and work through example problems. This class is very small and you will probably find it most useful if you come prepared with questions about what you didn’t fully understand. That way we will spend our time on the material that you need rather than the material I think you might need.

Homework
Homework will be due every week except the first. The assignment is listed on the class calendar, with the assignment shown on the day it is due. Late homework will only be accepted with prior arrangements. Since Physics 198 is a one-credit block class it is expected that you will spend somewhere around 4-6 hours/week outside class in homework and preparation.

Homework problems will be graded on a scale of 0–3: 3 means the problem was done substantially correct or there were only minor problems; 2 means there were some significant errors in the solution but it was mostly correct; 1 means you may have some of the ideas but it was mostly incorrect; 0 means you either didn’t do the problem, did the wrong problem, or just never came close to the correct solution.

Exams
The only exam in Physics 198 will be the final exam, which will be given and graded in class on the last day of class.

Grading
Grades are pass/fail. They will be determined on the basis of homework, classroom participation, and the final exam.

Honor Code Standards
In keeping with the principles of the BYU Honor Code, students are expected to be honest in all their academic work. Academic honesty means, most fundamentally, that any work you present as your own must in fact be your own work and not that of another. Violations of this principle may result in a failing grade in the course and additional disciplinary action by the university.
Students are also expected to adhere to the Dress and Grooming Standards. Adherence demonstrates respect for yourself and others and ensures an effective learning and working environment. It is the university’s expectation, and my own expectation in class, that each student will abide by all Honor Code standards. Please call the Honor Code Office at 422-2847 if you have any questions about those standards.

Preventing Sexual Discrimination or Harassment

Sexual discrimination or harassment (including student-to-student harassment) is prohibited both by the law and by Brigham Young University policy. If you feel you are being subjected to sexual discrimination or harassment, please bring your concerns to the professor. Alternatively, you may lodge a complaint with the Equal Employment Office (D-240C ASB, 422-5895) or with the Honor Code Office (4440 WSC, 422-2847).

Students with Disabilities

If you have a disability that may affect your performance in this course, you should get in touch with the office of Services for Students with Disabilities (1520 WSC, 422-2767). This office can evaluate your disability and assist the professor in arranging for reasonable accommodations.