

Mr. Anderson Honors Physics Expectations

Welcome to Physics or Understanding the World Around You While Having Fun. I want you to see how fun and logical the world around you can really be. This class will be challenging, too.

Specific Policies:

- **Lab equipment is a privilege.** All equipment must be turned in and/or put away before anyone will move to his/her next class. Broken items must be paid for. I will write you a pass if you are going to be late as a result of this rule.
- **You are expected to behave in a mature manner that promotes an active and engaging learning environment.** Prohibited items and behaviors:
 - using electronic devices (i.e., beepers, cell phones, walkmans)
 - aggressive physical contact (i.e., pushing, shoving, running, hitting, and tripping)
 - insulting me, your fellow classmates, or yourself
 - inappropriate language or remarks.If you choose to engage in any of these behaviors, I reserve the right to a.) require you to stay after school b.) call your parents and c.) send you to your Housemaster.
- **Work to be graded must be turned in on time.** If an assignment is gone over in class, it will not be accepted late. Other graded work submitted one day late will be subject to a 20% penalty and submitted two days late will be subject to a 40% penalty. Work will not be accepted more than two days late.
- **Come prepared to class.** Binder (preferred) or notebook with folders, paper and a writing implement, and a scientific calculator
- **You are always responsible for what happens in class.** If you are absent, you are responsible for what you missed. If you are absent, you must see me individually immediately upon your return. You should find a buddy or two who can help you out when you do miss class.
- **You need to be in class.**
- **Attendance.** An excused absence gives you the right to make up any missed work. See me to discuss an appropriate time-frame to complete classwork or homework. If you miss a test or quiz, there will be a comprehensive end-of-term makeup. This will replace the missing quiz grade. If you miss more than one quiz, one of the grades will remain zero.
- **Be on time.** Once I start taking attendance and am in front of the room, class has started. If you are not in your seat and ready once class has started, you are late. Keep the N rule in mind. Most of you are seniors... don't let N's mar your report card.
- **I am available often.** I am available for extra help in various ways. I will usually be here before school starts. I tend to stay late after school as well. You can also find me during X blocks or a common free block. I teach in room 225, which also serves as my office. You can also always try the science office (in purple). The best way to make sure you see me is to make an appointment with me.

Good to know...:

- **Use www.andersonscience.net.** This is my website dedicated to this class. You will find current class news, files of handouts, grades, and more!
- **Use the physics help sessions.** A physics help room will be available. You can get a pass out of study hall and a physics teacher will be there to answer questions and help you. A schedule will be posted soon.
- **Homework will not always be collected and graded.** This is not the case for labs and reports, which will be graded. However, not all textbook and worksheet assignments will be collected or graded. I may choose to give you credit by showing me your completed work as I move through the class, or we may simply go over the assignment in class and no credit will be issued. The thing is, I won't be telling you what I'm going to do, so complete every assignment!
- **Extra credit opportunities** will be occasional, and written on the board for at least one class. If you miss a class or forget to write down an extra credit, ask me at a convenient time or find out the opportunity from a classmate. Also, other extra credit opportunities may be sporadically announced.

What your grade will be based on:

Tests and Projects: There will be at least one test and at least one project per quarter.

Quizzes: Quizzes will occur on a close to weekly basis. Quizzes, other than "homework quizzes," will be announced.

Labs and in-class activities: A huge part of this class is labs and hands-on activities.

Homework: Homework will be assigned day-to-day and collected as is announced.

Class structure/how I run it:

Typically we will have lecture days, lab days, and problem-solving days. We usually begin new topics with lecture/discussion. Around this time a problem set will be assigned, which will be due on the day of the quiz. Then you can expect to do a lab to support/continue your learning of the topic. and the end of the unit will close with a test/quiz, where you will hand in the problem set.

Most of the topics/units we cover will be directly related to a project of some kind (popsicle stick bridges, mousetrap-powered cars, bottle rockets, etc). Terms 1-3 will have several (about 25) assignments, labs, and quizzes. One bad grade won't kill your score. However, 4th term will consist of 2 quizzes, 2 problem sets, a project, paper, and a research project. That's about 7 grades. There are fewer grades 4th term, so every assignment is crucial to your term grade. Not preparing/testing/researching sufficiently for any one of them will definitely result in a poor grade.

There will be a comprehensive final exam. It will consist of approximately 20-30 multiple choice questions and 1-2 open response/problem solving questions.

Anything On This Sheet Is Subject To Change Without Warning And At The Teacher's Discretion.