

Class Syllabus

This is a very a rigorous and academically challenging course. Students who participate in AP are ultimately given the responsibility to reason, analyze, and understand for themselves. Such intellectual training helps they succeed in college, where these skills are essential. You will have to use your critical thinking and problem -solving strategies learned in previous years.

Knowledge of algebra and trigonometry is required for the course; the basic ideas of calculus maybe introduce in connection with physical concepts, such acceleration and work. The course will cover Newton's mechanics, fluid mechanic and thermal physics, electricity and magnetism, waves and optics, and atomic and nuclear physics.

1. You must have a **composition book** for physics only, pencils, calculator (TI 84), and the physics text. It is your responsibility to bring these items to class everyday. You will not be allowed to leave the room to obtain forgotten items.
2. Each test counts up twice.
3. Each quiz counts up once.
4. Each lab report counts up once.
5. Chapter lectures average count up once.
5. Homework is very important. This is a college level course. It is your responsibility to do the work. Doing your homework you will keep the class pace, otherwise it will be difficult for you to stay with the course. It is up to you to have success in this course. You will be able to check your homework with a solution manual. I will only briefly review your homework in class. I will be available for help before or after school with previous request by the student and with sufficient time.
6. Tests will be given at the end of each chapter.
7. Quizzes will be given periodically through the chapter.
8. Any missed tests or quizzes must be made up the day the student return from absence. Tests/quizzes are to be made up after school. You must make the proper arrangement for this eventuality.
9. Homework will be given daily.
10. It is your responsibility to make-up work, tests and quizzes.
11. Lab reports are due the NEXT class period. You may loose ten (10) points each day they are late.
12. During lab time, students must stay in the assigned seats and work with the assigned partner. While the results of the partners should be the same, the interpretation of the results (conclusions) should be expressed on individually bases. This also includes questions to be answered. This does not mean that the results cannot be discussed between lab partners or with the teacher.

I have read and understand the classroom expectations of this class.

Parent/guardian signature _____

Student signature _____

Date _____