

**Bainbridge High School**  
**Science Department**  
**Mr. Chee**

**Advanced Placement Physics**

The word "physics" actually comes from the Greek *physika*, meaning nature, or more precisely, natural things. Physics is best thought of as the search for the rules that govern the behavior of the universe. Physics is a science that looks at our world and, based on observations, tries to explain it.

Remember:           **To know physics is to do physics.**  
                              **Don't memorize, understand.**  
                              **Physics is Phun**

Physics requires work but you should have fun learning it. In order to be successful, you must allow yourself to become actively involved. Do not allow yourself to get behind in your work. Because the class moves rapidly and covers many topics, attendance, participation and assignment completion are vital. Examinations and labs missed due to illness or excused absences shall be made up as soon as possible prior to or after school. Those that keep up by working a little every night most often find that their grades reflect positively the effort they put into the class. Those that wait to the last minute are often disappointed at the results.

Advanced Placement Physics is an intensive and rigorous college level introductory course in algebra based physics. This course provides an opportunity for high school students to pursue and receive credit for college-level course work undertaken while in high school. This can save money for the student by earning college credit. An AP student in high school will have a better opportunity to understand the material than may be the case in a college course because of a smaller class and additional contact time with teachers and other students. Even students who do not receive college credit or advanced placement get a head start and can proceed with greater confidence.

The course is a good preparation for rigorous college science courses. It is an ideal way to develop the thorough study habits needed for successful college work. I hope the course will be a stimulating and challenging experience for the students. Students are required to take the Advanced Placement exam in May. The cost of the exam is about \$95.00. Financial Aid is available for those who qualify.

**BRING TO CLASS EACH DAY:**

1. Pencil or pen
2. Paper for note taking and assignments
3. Thumbdrive or memory stick, Calculator

## GRADING

Your grade will be computed as follows:

40% Tests and quizzes  
30% Lab activities and lab reports  
30% Homework

|          |    |       |    |
|----------|----|-------|----|
| 93 - 100 | A  | 77-79 | C+ |
| 90 - 92  | A- | 73-76 | C  |
| 87 - 89  | B+ | 70-72 | C- |
| 83 - 86  | B  | 67-69 | D+ |
| 80 - 82  | B- | 60-66 | D  |

Note: .50 is rounded up to the next grade.

Points will be deducted from your grade if you fail to come to class prepared.

As we all know the classroom environment should encourage learning. Therefore, the following few but important rules must be adhered to.

1. Show up on time- ready to learn. Students are expected to be in their assigned seats and ready for class when the bell rings. The first two tardies will result in warnings. The third and subsequent tardies may result in a disciplinary report.
2. Be prepared by having everything you need with you when you come to class.
3. NO FOOD or DRINKS in the classroom. Since the class is in a lab room with computers and other sensitive equipment, drinks and food will be left outside.
4. Mutual respect between the students and teacher is expected in the classroom at all times. Profanity, degrading comments, and general disruptive behavior will not be tolerated.
5. Homework will be assigned every night, but I will not always collect your homework. When homework is collected, I will write on the board to submit the homework. There will be an open folder in front of the class. Homework will ONLY BE COLLECTED in the **first five minutes of class. NO LATE HOMEWORK WILL BE ACCEPTED UNLESS YOU WERE ABSENT.**
6. There will normally be at least one lab activity each week. You will normally be assigned in groups of 2 to 4 to do each lab, however, unless I explicitly state otherwise, each individual is responsible for completing and writing his or her own lab report.
7. Lab equipment will normally be left in the classroom for a week after the lab or activity is done. If you miss the lab or activity, it is your responsibility to come in at the prearranged date and time to make it up. Please bring someone who has done the lab. Do not expect to be able to make up the lab after the material has been put away and the make up date has passed.

8. If you were absent the previous day, please see me before the class starts. You are responsible for any work you missed. Always check the homework board and my website for notes or assignments.

9. Short breaks for restroom use and to get a drink of water may be taken by students at times not to interrupt lectures, discussions or presentations without teacher permission. Students are asked to take breaks one at a time and not during the first ten minutes of class and the last 10 minutes of class. Please use the sign-out sheet near the door when leaving and re-entering the classroom.

10. The office and storage areas are my space. Please stay out of them. Leave all laboratory equipment alone unless you are instructed to use it. No playing around in the classroom.

11. I am your teacher and not a stationary store, so please do not ask me for tape, markers, 3 hole puncher, etc.

12. The end of class is not determined by the bell, it is over when I dismiss the class.

On a final note, let's have PHUN LEARNING PHYSICS.