

# Midlothian High School Course Syllabus

## Course Title: AP Physics B

Teacher: E. Hayden

I. Overview: Advanced Placement Physics is designed to be the equivalent of a general physics course taken during the first college year. Successful completion of the AP Physics course along with a satisfactory score on the AP exam may enable students to receive college credit.

II. Objectives: The student will...  
Learn to understand physics concepts and gain proficiency in solving problems to prepare them to take the AP Physics B exam.

III. Activities and requirements:

Text: Physics, Giancoli

Supplies: Notebook paper, pencil, scientific calculator, binder.

IV. Grading Procedures:

Tests	60%
Daily	30%
Participation	10%

- Semester exams will be counted as 1/7 th of the semester average.
- Work must be turned in on time. One late assignment may be made up each six weeks for 80% of the grade. Any following zeros will remain as part of the final grade.
- If you are absent you will have one class period for each day that you are absent to make up work. It is your responsibility to find out what the make up work is.
- Homework assignments will be posted on line at midlothian-isd.net
- Progress reports will be sent home for students who are failing at the third week of the six weeks.
- I can be contacted by phone at 972-775-8237 or by email on the district website.

Parent Signature \_\_\_\_\_

## Physics AP Summer Assignment

All notes that you take on chapters assigned will be used as points on test grades. It is important to read the material before you come to class for lecture. Being familiar with the material before we begin to cover it will eliminate a lot of confusion for you. Be sure that when you take notes that you work through all of the examples. Try to work the problem **without** looking at the answer. Then look at the way it is worked out in the book and try to find any errors in your thinking.

1. Read chapter 1-2 and take your own notes.
2. Do problems p. 42-47 #9,11,25,29,37,47,65,67,69,71,73.
3. Read chapter 3 and take notes.
4. Do problems p. 70-76 #11,23,35,61,65,69.
5. Read sections 4.1-6 and take notes.
6. Do problems p. 104 -111 #9,13,15,17,21,65,71.
7. Read sections 4.7-9 and take notes.
8. Do problems p. 104-111 #39,43,47,51,53,55,61,63,73.

Ellen Hayden  
Physics Teacher  
Midlothian High School  
[ellen.m.hayden@midlothian-isd.net](mailto:ellen.m.hayden@midlothian-isd.net)

(I will be checking my email this summer, let me know if you need any help)