

**Harbor Springs High School**  
**Physics**  
**Room 212**

**Instructor**

Mr. Schultz

- I am available before school, after school, or during lunch for additional help

**Text & Materials**

- Text (provided): Serway, R., Faughn, J., *Physics*, Holt, 2000.
- Calculators will be available if you do not have access to one
- Please bring proper materials everyday (pencil, paper, calculator and physics book)

**Course Description/Objectives**

Throughout this year this course we will be discussing and exploring the principles of physics. The assessment of this course will be done through participation, laboratory experiments, homework, and tests.

**Course Topics**

- |                                      |                               |
|--------------------------------------|-------------------------------|
| 1. Motion (1 & 2-D)                  | 8. Heat & Thermodynamics      |
| 2. Forces                            | 9. Vibrations, Waves, & Sound |
| 3. Work and Energy                   | 10. Electricity & Circuits    |
| 4. Momentum & Collisions             | 11. Light and Optics          |
| 5. Rotational Motion                 | 12. Electricity and Circuits  |
| 6. Rotational Equilibrium & Dynamics | 13. Magnetism and Induction   |
| 7. Fluid Mechanics                   |                               |

**Course Procedures & Policies**

Attendance & Participation:

- Each day you will receive five points for participation.
- If you are absent for any other reason than a school related event, you will receive 0 points.
- IF YOU ARE LATE, you will receive at most 3 of five possible points. If you are late you must sign in when you enter class. Class should not be disrupted because of a late arrival.
- You get 3 passes each trimester. Any passes you don't use become extra credit on your final.
- If class is disrupted or has to stop because of your behavior, you will lose points accordingly.

Tests:

- There are no retakes on tests
- You **MUST** complete tests in the allotted class time

Homework:

- There will be a periodic homework assignment, which will be provided to you with answers.
- Weekly homework quizzes will be given, which will be similar, but not the same as the homework. On these quizzes you will be able to use only your homework and a calculator.
- There will be time for questions at the beginning of class and time to work on homework at the end of most class periods.
  - Do not wait until the day before the quiz to ask questions.
  - I will answer at most 3 questions at the beginning of each hour.

Labs & Experiments:

- Labs and experiments will be done in most cases at least once a week.
- You will work in groups with a maximum of 3 people.
- Safety is a priority with labs.
  - Unsafe practices during a lab will lose credit on the lab.

Missed Assignments and Tests:

- You have one week to make up missed assignments after that they become a permanent zero.
- You are responsible for finding out what you missed and making it up.
- Make up quizzes and tests can be done before or after school not during class.
- There are no make up labs. They will not count for or against your grade.

Academic Dishonesty:

- Cheating will not be accepted, if anyone is caught cheating on a test, they will receive 0 points.
- There will be times when working with others is encouraged.

Grading:

- I give everything back the next day with a grade. You should know your standing in the course and

100-94%	A	76-73%	C
93-90%	A-	72-70%	C-
89-87%	B+	69-67%	D+
86-83%	B	66-63%	D
82-80%	B-	62-60%	D-
79-77%	C+	59-0%	F

Tests	60%
Homework	25%
Labs	10%
Participation	5%

are responsible for looking at Power School.

General Procedures:

- We will be adhering to all Harbor Springs High School Handbook and Code of Conduct.
    - Students may not bring back packs, side packs, fanny packs, drawstring bags, or large purses in your rooms.
    - Students may not have phones in the academic building.
      - Teachers will confiscate first time
    - Students may not be in the academic wing during their scheduled lunch without a pass from you. They will not be allowed to take food into that area.
    - Students will not have computers out unless we are working with them. If I have to tell you to put your laptop away, you will lose participation points.
    - Students may not eat or drink anything but water in your classrooms
    - Students may not wear hats or coats in your rooms
    - Students will adhere to the HSHS dress code
  - I expect a respectful environment in my classroom.
    - When someone else is talking, you are not.
    - If someone needs help, you assist him or her in anyway possible.
    - You are going to work with others, and you will learn to do so in a professional, respectful manner.
    - Violence and/or bullying of any kind will not be tolerated.
    - Respect this facility and the furnishings. I do not want to see desks and wall defaced.
    - It is a privilege to be in this class, please treat it that way.
  - If you know you are going to need to leave the room before the end of the hour, please let me know before the start of class.
  - I am always open to question and concerns, feel free to approach me if you have a problem.
- Things on this syllabus are subject to change without notice.