

Course Information Guide

Physics I

Zachary J. Rohrbach, Instructor
(317) 544-5000 x5131
ZJRohrbach@avon-schools.org

Course Description

Physics is the study of how the universe works on the most fundamental level. In this class, you will use your powers of observation and logical as well as mathematical reasoning to describe, explain, and predict the behavior of objects.

Course Goals As a result of taking Physics I, you will:

1. Know and understand the process that is used to make the scientific discoveries that are reported in the media or in the workplace
2. Understand the scientific principles that underlie motion, forces, waves, and electricity.
3. Apply your mathematical skills to solving real-world problems
4. Develop problem solving and scientific literacy skills

Classroom Expectations

| | | |
|--------------------|-----|---|
| Accountable | 1. | Start the period with your calculator , notebook , and reading book on your desk. |
| | 2. | Bring your computer and charger with you every day. |
| | 3. | Take care of restroom breaks outside of class. <i>In the rare event that you'd need to use the restroom during class, I will only fill out a pass in your own agenda. Also, I will only do this a maximum of once per week.</i> |
| | 4. | Be in the classroom by the time the bell rings. <i>My tardy policy is the same as the school's. You are tardy if you are not in the classroom by the time the bell rings. You will be given a detention on your 3rd and 4th tardies and referred to Saturday School for 5th and 6th tardies.</i> |
| Respectful | 5. | SSR time is for silent reading. <i>We will have 10-15 minutes of sustained silent reading (SSR) at the beginning of the period. Why do we do silent reading in a science class? Research shows that people who read do better in school and have lower levels of stress. It also is an opportunity to take a breath and set the tone for the class period.</i> |
| | 6. | Quietly listen to the speaker. |
| Engaged | 7. | Keep phones and earbuds put away. <i>If I see a phone or earbuds, I will ask you to put them in a paper bag and staple it shut. This bag will stay on your desk for the rest of the period. It must stay shut until the bell to end class rings. If you fail to comply with this, you will be given a detention.</i> |
| | 8. | When you are finished with your work, you may read a book. |
| | 9. | Stay engaged and working until the two-minute alarm . |
| | 10. | Persevere through difficult problems. |

Name: _____

Date: _____

Period: _____

Required Materials

You are expected to bring the following materials with you to class every day.



Notebook
(will be provided to you)



Reading
Book



Charged
Laptop



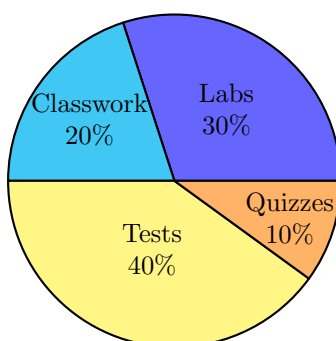
Computer
Charger



Student
Agenda

Methods of Evaluation

Your pre-exam grade will be based on the methods of evaluation shown below. The weighting of each of these categories is subject to change. Your overall class grade will consist of the pre-exam grade (85%) and the final exam grade (15%).



Tests may be corrected for half credit back on missed questions. Test corrections are due by midterm. In other words, test corrections for units completed before the midterm will not be accepted after the midterm. Directions on how to do corrections will be given later.

Other Class Policies

Late Work Deadlines for assignments will be announced in class and posted on Schoology. Late work is subject to a 50% penalty. Late work for a particular unit will not be accepted after the test is given for that unit.

Absences and Makeup Work Mr. Rohrbach will often also post additional video explanations and recordings on Schoology for students who are absent. If you are absent, it is your responsibility to check Schoology and contact Mr. Rohrbach with any questions. Because of the resources on Schoology, you should not assume that you will be given extensions because you were absent. If you find you will need an extension, you should contact Mr. Rohrbach before you come back to school.

Contacting Mr. Rohrbach Parents and students should feel free to contact Mr. Rohrbach at any time via email (ZJRohrbach@avon-schools.org), phone (317-544-5000 x5131), ParentSquare, or Schoology.