**Physics Syllabus 2017-2018**

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See School Website

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***Course Description***

Welcome to physics at Wilsonville High School! Physics is a year-long course that is encouraged for students seeking university admission, especially in the math or science fields. This course is designed not only to help you learn physics, but to show you how to think like a physicist. A physicist uses logic, trial and error, intuition, and patience to solve complicated problems. Even if you do not plan on becoming a practicing physicist, everyone can benefit from the physicists’ way of thinking. The techniques you learn in this class will serve you in any career you choose.

***Class Expectations***

The three rules in our classroom are:

1. **Be Respectful** *– to both me and your classmates. I have zero tolerance for any sort of bullying or discrimination.*
2. **Be Present** – *both physical and mental presence will be essential for your success.*
3. **Be Safe** *– lab safety is no joke. No unauthorized experiments are permitted.*

Cell phones and headphones are permitted only at appropriate times with teacher permission.

***Materials***

* Binder
* PLENTY of notebook paper
* Pencil or pen
* Scientific calculator (not your phone)
* Highlighters or colored pencils\*
* Metric ruler\*

\*Your teacher will have these materials to borrow, but you might prefer to have your own

***Tardies/Absences***

You are expected to be seated in class, ready to go at the bell. Repeated tardies will be addressed. If you are absent, please check in with your teacher upon your return for notes and homework that were missed. You will have the number of days that you were absent to turn in new assignments for full credit. If you are absent for a lab, you have one week to make it up for full credit. If you are gone for an extended period of time, please make special arrangements with your teacher.

***Grading***

Assessments 40%

Lab Assignments 30%

Classwork/Homework 15%

Final Exam 15%

***Assessments***

Tests will be given at the end of every unit. There will be no opportunities to retake tests since this is a college preparatory course. Quizzes will be given approximately every week. Quiz scores will not be entered into the grade book. However, if a student has performed better on quizzes than tests, they may choose to have their quiz grades from that unit entered as part of the “assessment” category. In order to do this, the student must turn back in their graded quizzes on the day that the test is passed back.

***Labs***

As this is a laboratory based class, we will be doing labs approximately each week. While most labs are done with a partner, write-ups are always turned in individually and **in your own words**. **NO WRITTEN WORK SHOULD BE IDENTICAL.**

***Assignments***

Homework is due at the beginning of the class period that it is due. Late assignments will be accepted up to one week after the due date for reduced credit. (Ex: Homework due on Monday can be turned in until the following Monday for credit.)

***Plagiarism/Cheating***

Any student caught copying or cheating will receive zero points for the assignment and will not be allowed any makeup. Cheating is unacceptable and will be dealt with according to school wide discipline policy. These rules also apply to any student who allows another student to copy from their work.

***Office Hours***

Office hours will be posted outside the teacher’s door. There will be additional times available. If you would like extra help outside of class, please let your teacher know.

***Website***

It is recommended that you bookmark your teacher’s website. The calendar will be updated daily to reflect homework and classwork.

***Student/Parent Contract***

Parents/Guardians are a critical component of student success. Please review and reinforce the class expectations and course requirements with your child and feel free to email or call Mr. Hyman or Ms. Rippey regarding any concerns you may have. Please sign the following contract, which indicates that you have read the above information. Your student should keep this paper in their binder, and this document is also posted online. We will communicate through the email address you have provided the school, so please double check your information is accurate.

Thank you,

Valerie Rippey and Charlie Hyman

**General Physics Student/Parent Contract – Return to Teacher Period: \_\_\_\_\_\_\_**

Student Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

Comments: