

Honors Physics

Assumptions:

You want to be in this class

We are all worthy of being treated as adults

Grades:

Final grades consist of these parts:

Class Work	50%	
Class Work includes tests, quizzes, homework, ranking tasks, supplemental readings and other projects done during class. Tests are generally 100 points, quizzes range between 10 and 50 points, and homework is done in two parts for each question.		
Labs	25%	
Labs are given letter grades that are then translated into numerical values. The format for labs will be given later on a separate sheet. IDs are included in labs.		
Projects	25%	
Science Fair	Terms 1,2,3	50%
	Term 4	0%
Juniors are required to participate in Science Fair. Details will follow. Seniors have four options to fulfill this part of their grade. Details will follow. <ul style="list-style-type: none"> Science Fair Mentor Create a Display for Science Fair Independent Project Participate in Science Fair 		
Challenges	Terms 1,2,3	50%
	Term 4	100%
Challenges will have points for each part of the challenge. These will be summed into a final grade. Total points will vary based on the challenge.		
Exams	10%	
Written exam at the end of Semester 1 Written exam or Six Flags Trip and Final		
PHIZ	Max 7%	
PHIZ is your chance to get extra credit. There are daily questions that can gain you points. These points will be added to your at the end of the term. There will also be other chances to gain PHIZ points during the term. PHIZ is done online so that you can do it from any computer connected to the internet. It is possible to really improve your grade by doing daily PHIZ. Daily PHIZ is worth 1 point for trying and 1 point for getting it correct. Your credit is based on your percentage based on the total in the term. Large PHIZ projects are only included if you choose to do the project.		

Web Site

www.physicsisphun.net

The class web site is under construction for the new year, but will be ready soon. Some of the current pages may have mistakes but are available. Most handouts given in class are also available from the website along with class notes and test from previous years. The website is a resource and a link to many things physics.

Grade Book

Grades will be kept on www.mygradebook.com for this class. Details will follow.

Homework

Each part of a homework problem is worth the same amount of points. The first part of a homework problem is the “Why?”. You gain the points for attempting to answer the “Why?” part of a homework problem. The second part of the problem is the “How?” part of the problem. The “How?” part is the mathematical portion of the problem. On this part you will get multiple attempts to get the problem correct.

Homework problems are done on webassign. A link to this site can be found on the class website. This site has a subscription fee of \$8.50 for the year for each student. If a student decides not to pay for this service I will print out the assignment and give it to the student. The student will be responsible to hand back the completed assignment for grading. These problems are graded on a scale of 1 point for each correct answer, problems may have multiple answer parts.

Test

Tests will be formatted similarly to the homework. Tests may be online, the same as the homework, or on paper. We will just have to see.

Text Book

Something new! We will be using a digital text titled Principles of Physics published by Kinetic Books. Kinetic Textbooks are fully interactive, including hundreds of simulations, thousands of animations, audio, video, multiple self-assessment tools for students, scoring and much more. Flexible, full-featured and standards-compliant, Kinetic Textbooks work with all types of learning styles. Students can download the pdf version of the text from the class website to read at home. Full interactive versions of the text are installed on all student accessible computers at school. There are also printed copies of the book in the classroom for student use. Students may purchase a full version of the text for home use from the company’s website.

Supplemental Readings

Supplemental readings are evaluated through the use of the forum section in webassign. This will be our online discussion of the reading packets. There are two ways to get credit for the reading. These assignments are due before the test on the current chapter. First you must do the reading. Post a 2 paragraph message about the reading. OR Reply to 4 posts by other students. Replies should be no shorter than a few sentences. Points will be in part based on the content of your post. Post Under the heading that **I** post.

Interactive Demonstrations (ID), Interactive Labs (IL), Mastery Labs (ML)

These will be explained in class but we will be doing lots of these.

Syllabus

You will be given a syllabus at the beginning of each term that lists everything that will be done in the class during that term.

Late Work

No work will be accepted late in this class. Homework and Projects are due the class that they are listed on the syllabus or assignment sheet. Labs are due one week after being done in class. IDs are generally done in class. Any follow up work from an ID will be due the next class. Homeworks will be due at midnight the day they are listed on the syllabus. Projects are late if not ready when the class starts. Labs will be late at 7:45 A.M. on the next class day after they are due.

While work is not accepted late, extensions will be granted. Extensions will only be granted before the assignment is due, and they will be granted only for a specific length of time.

Challenges:

You will be doing different challenges during the course. You will be working with partners on these projects for the most part. These will be creative projects involving the concepts that we are working with in class. The majority of the projects will involve engineering. You will also be responsible for most of the supplies used. These challenges should not cost you much money, most of the supplies can be gotten at low cost or no cost, be ready to be creative!

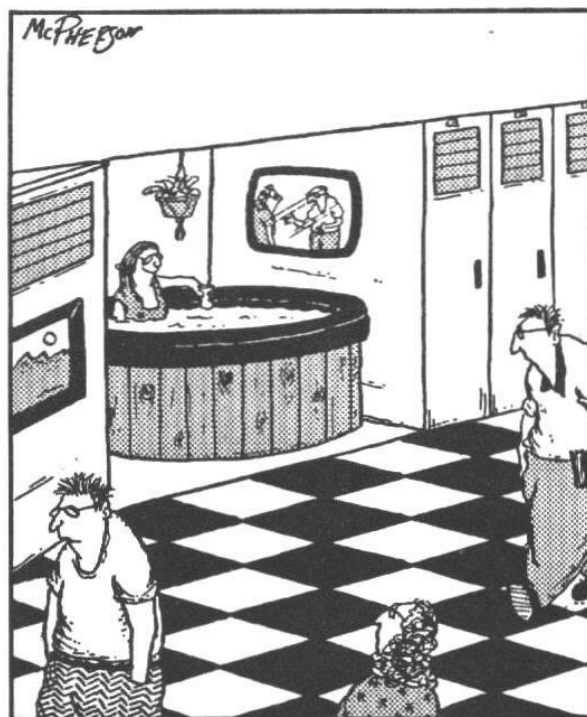
Contact Information:

I can be reached at

cochranb@hwschools.net

Or

at home **before 9pm** (978) 273-1291



Crystal lucks into being assigned the legendary locker number 379.