

PHYSICS 12/ADV (2010-2011)

Instructor: Kathy Fuller

TEXT: McGraw-Hill Ryerson's PHYSICS (Also available on CD & in shared folder)

OUTLINE: Review
Motion, Force, Work, & Energy
Fields
Waves & Modern Physics
Nuclear Physics

EVALUATION: Please note that in contrast to our previous system where Term 1 and Term 2 marks were averaged to determine the final mark, **cumulative marks** provide a 'snapshot' of a student's progress at any time in the course without locking in a grade prior to the conclusion of the course. Parents and students will eventually be able to access an accurate account of marks after assessments are graded through the use of the new PowerSchool program.

<u>Physics 11</u>		<u>Physics ADV</u>	
Tests	20	Tests	20
Quizzes	10	Quizzes	10
Labs	20	Labs	15
Assignments	20	Assignments	15
Exam	30	Portfolio	10
		Exam	30

THANK YOU FOR:

- being **on time** for class, being **prepared** for class, being **respectful** of others, and being **ready to learn**.
- removing your **hats** and **headphones** when entering this room.
- leaving your **personal stereos, cell phones, make-up kits, skateboards, or food/drinks (including bottled water)** in your locker or backpackthis room is a science lab/computer lab.
- leaving your **bookbags/backpacks** at the door.
- using recess, lunch and time between classes to **use the phone, washroom, fountain, etc.**
- keeping the tables, books, equipment, and/or computers/accessories in **good condition**.



LABS/ASSIGNMENTS: Two "Late Freebies☺" are available...use wisely!! 1 "Freebie" can be used before marked items are passed back, 2 "Freebies" after that! These are to be passed in at the beginning of class on the date due.

LABS/ASSIGNMENTS printed off at the beginning of the class will be considered LATE!!! Late labs/assignments will be penalized 1 pt if passed in BEFORE the item is marked. Items passed in after that will not be marked and have a value of zero. PLEASE USE YOUR AGENDA TO HELP YOU ORGANIZE & PASS WORK IN ON TIME!!!! Due dates are clearly posted in the lab and also on the Physics webpage. I can be a speedy marker!!

QUIZZES/TESTS: If you are absent for a quiz/test, you should be prepared to write a make-up quiz/test at lunch on the day you return if an **acceptable written excuse** is provided. If an acceptable excuse is not provided, then that quiz/test will count as zero. Your dates are known well in advance, so please avoid making appointments on quiz/test days, if possible. Dates are clearly posted in the lab and also on the Physics webpage.

CLASSWORK: You are expected to demonstrate a mature attitude toward learning and use your classtime efficiently. Classwork/homework is to be completed as requested. Computer accounts will be suspended if computers are not used appropriately.

EXTRA HELP: Extra help will be available regularly for students making an honest effort. It is best to check with me as I may occasionally have noon duty or meetings. Please sign up in my agenda on the front counter.

MISSED TIME: If you are absent for a class, it is your responsibility to contact a member of your class prior to your return and make arrangements to get any notes. Any handouts will be provided, however, it is your responsibility to request them. If there was a lab during your absence, then you may be required to make it up at noon. This depends on the number of classes spent working on the lab. Assignments and labs are due at the same time as the rest of the class, except if you are absent on the due date. Be sure to pass anything in as soon as you return to school if you missed the due date.

ACADEMIC INTEGRITY: If it becomes apparent that a student has cheated on quizzes/tests/exams, has copied labs/assignments/projects, or has not referenced material, then a mark of zero will be assigned for that work. Please refer to p19 of Student Agenda.

ADVANCED: The content covered in ADV will be basically the same as in Physics 11, however, the ADV students will be expected to apply more advanced problem solving skills throughout ALL aspects of the course. Students will be required to complete a portfolio (project work & extra assignments).

SUPPLIES: Binder, looseleaf, pencil, ruler, protractor, graph paper, memory stick, scientific calculator, print credit.

*****Please note that this course outline is subject to change*****