

# PHYSICS 12/ADV (2022)

Instructor: Kathy Fuller

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

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

**EVALUATION:** **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 be able to access an accurate account of marks after assessments are graded through the use of PowerSchool. **Please do not rely on the Student/Parent Portal to keep track of due dates for assignments and labs as items are usually not posted until after the due date and marks are entered.**

UNIT	WEIGHT
Introduction	5%
Force, Motion, Work & Energy	47%
Fields	17%
Waves & Modern Physics	3%
Radioactivity	3%
EXAM	25%

***\*If a student does not write their final exam, their test average will be substituted for their exam mark.***

**THANK YOU FOR:**

- being **on time** for class, being **prepared** for class, being **respectful** of others, and being **ready to learn**.
- putting your **cellphone** away when entering this room.
- leaving your **food/drinks (including bottled water)** in your locker or backpack .....this 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 for personal matters, washroom, fountain, etc.**
- keeping the tables, books, equipment, and/or computers/accessories in **good condition**.



**LABS/ASSIGNMENTS:** These are to be passed in at the **beginning** of class on the date due. **Items should be ready to pass in when you enter the class and if printed off at the beginning of the class will be considered LATE.** Due dates are clearly posted in the lab and also on the Physics webpage. *Please use your agenda to help you organize & pass your work in on time! Two "Late Freebies☺" are available. ...use wisely! I can be a speedy marker!*

Code	Degree of Lateness	Penalty	Late Freebies
L	After the beginning of class due BUT before passed back to class	-1 of 10pts	1 Late Freebie ☺
L+	After passed back to class BUT within two weeks of due date	-2.5 of 10pts	2 Late Freebies ☺☺
L++	Two weeks or later after due date	No value	Not valid

**HOMEWORK PROBES:** Homework probes will be given regularly. This will be one or two questions taken from recent homework. The homework will have been gone over in class and opportunity for extra help will have been available before a homework probe is given. *Be sure to keep up to date with problems assigned for homework!!!*

**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 do not allow other students to copy your work.

**ADVANCED:** The content covered in ADV will be basically the same as in Physics 12, 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\*\***