



Mrs. J. Donnelly  
julie.donnelly@sd23.bc.ca  
Room 294  
*Kelowna Secondary School*

## PHYSICS 11

### Course Purpose:

The study of physics is a scientific and mathematical study of the workings of the universe around us. In order to enroll in this course you must have passed Science 10 and Math 10. Students having taken A & W Math 10 are welcome to attempt the course, but will find it considerably more difficult than those having taken Foundations and Pre-Calculus Math 10.

### Supplies:

You are expected to come to class prepared every day. Please bring the following items to class:

- 3 ring binder
- Paper (lined and graph)
- Pencils, erasers, ruler
- Assigned textbook
- Scientific calculator

### Topics of Study:

In this course, the main topics discussed will be:

- Vectors
- Kinematics and Projectiles
- Dynamics
- Momentum
- Energy
- Wave and Optics
- Electric Circuits
- Nuclear Physics (if time permits)

### Evaluation:

Student evaluation determines how well you have achieved the learning outcomes.

- Homework and in-class work will be monitored daily along with attendance in determining the work habit G, S, or N
- Class mark will be a cumulative mark. Term marks on report cards will be reported as in-progress marks.
  - Assignments and quizzes are worth 30%
  - Tests are worth 70%
  - Overall course standing is weighted at 80% of the overall mark.
- There will be a comprehensive final exam worth 20% of your overall mark at the end of the semester.

If you are not planning on giving your maximum effort, you can be sure that you will not be successful in this course.

## **Expectations:**

All of the school and District rules and regulations will be adhered to in this class. In addition, you are expected to:

- be responsible for completing assignments given during an absence
- arrive to class on time with all necessary supplies
- keep notebooks organized, up-to-date and neat
- copy out questions and show all your work
- participate in class
- Work hard during class time and complete nightly homework.
- **RESPECT** your teacher, your classmates, your classroom, and yourself!!

## **Cell Phones/Electronics:**

All electronic devices must not be visible during the lesson portion of class. You are permitted to use them during the assignment portion of class. However, if you are unable to use them responsibly, they will be confiscated until the end of class.

## **Absences:**

It is understood that students are absent for a variety of reasons. If you are absent, **it is YOUR responsibility** to check my website <http://jdonnelly.weebly.com> to find out what work was missed in class. This site contains online lessons and practice material which is fully compatible with classroom work. A valid excuse must be provided prior to writing any missed quizzes or tests.

## **Rewrites:**

At any point during the semester, you may find a score on a single test to be below your overall standard. If you wish to rewrite a test, you may arrange to complete test corrections and the selected unit's review (all outside of class time) first. You are to complete allowed one rewrite. The grade achieved on the rewrite will fully replace your original score.

## **Extra Help:**

I will provide extra help outside of class time. I am available every morning (except Mondays) at 8:30 am as well as Mondays, Wednesdays and Fridays at lunch.

*I look forward to an exciting semester with you. I hope that you will find yourself engaged, and excited in Physics this year, and see the learning that you have accomplished over time.*

*Sincerely,*

*Mrs. J. Donnelly*