

## Physics 11 online

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Instructor - Randy Decker

email - [rdecker@sd40.bc.ca](mailto:rdecker@sd40.bc.ca) *use the course email once you have started*

Phone - 604-517-6191

*Tutoring available in person or online* [Check our Calendar!](#)

### Course Description:

Physics 11 online follows the Resource Package for Physics 11 for British Columbia Secondary students. Successful completion of this course adds 4 credits towards graduation. Students are not required to write a Provincial Exam.

### Prerequisites and Skills

Recent completion of Principles of Math 10 or Principles of Math 11. Reading comprehension at grade 11 level or better. The first unit offers a review of specific math skills for this course.

### Units

1. Math Tools - *Self assessment for this unit.*
2. Kinematics in one and two dimensions.
3. Dynamics in one and two dimensions.
4. Mechanics in one and two dimensions.
5. Nuclear
6. Waves
7. Light

### To Start - Go to this web address [www.virtualschoolbc.ca](http://www.virtualschoolbc.ca)

Click the link that says Log In. Enter your WebCT ID then enter your password. Then click on the course link.

### Help

Do not expect to do this course on your own. I am here to help you. Come in for individual help when I am in the lab or contact me by course email. Check our online calendar for my schedule.

## Course Goals and Tests

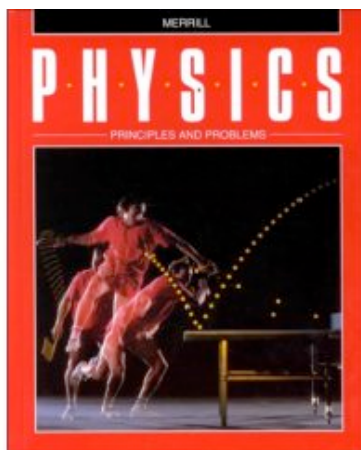
✦ *Stay active in the course.*

If you don't login for more than two weeks you will be made inactive. Phone the lab at 604-517-6191 to be made active again. Your marks will be saved. You have one year to complete the course but you must re-register for each new semester. Semesters start September, February and July each year.

There are six unit tests in Physics 11. The first test can be written at home on your computer. The other five tests must be written in the ALC lab on a computer. Your final mark is based on an average of all six tests. A passing mark is 50%; However, you should consider 70% as the minimum mark for mastery. Most post-secondary institutions require at least 65% for entry into programs.

There are worksheets for each unit in the course. Completion of these is essential to understand the material. Questions in the tests are based on the worksheets. Write the *practice tests* available from the website before writing an actual test.

You don't have to schedule for tests. Ask any instructor and they will set you up. You may use a programmable calculator and an equation sheet. Print it from the website. You are allowed 120 minutes to write each test. Rewrites are not available.



## Textbook and Resources

Merrill Physics: Principles and Problems. (the red book)  
Deposit \$100.00, which is refunded on return of the book in good condition. Or you can trade the book for a text for your next course.

Scientific calculator. I will be able to help you understand how to use any Texas Instrument brand calculator.

Relevant Web Links to external sites are available in the course.