



Physics 12

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Description

Physics 12 online follows the Resource Package for Physics 12 for British Columbia Secondary students. There are eight units:

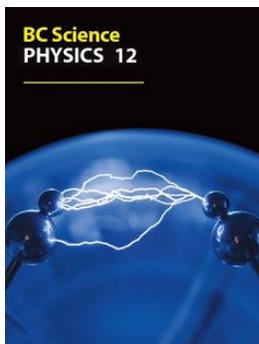
1. Vectors and Static Equilibrium
2. Kinematics
3. Momentum and Energy
4. Circular Motion and Gravitation
5. Electrostatics
6. Electric Circuits
7. Magnetic Forces
8. Electromagnetism

Prerequisites

Recent completion of Physics 11 or equivalent as well as reading comprehension at grade 11 level or better is needed.

Resources

The course requires the use of a WorkText, which acts as a textbook, workbook, notebook, and study guide.



BC Science Physics 12, published by Edvantage Interactive, is available for purchase at either of our locations for \$25.

This WorkText is the basis for the course and your purchase gives you access to essential online videos, quizzes and course notes. In addition, the online course provides links to additional videos and simulations to enhance and deepen your understanding of the course material.

Assessment

There are six tests in Physics 12. The first test can be written at home on your computer. The other five tests are also online, but must be written at [one of our locations](#). Your final mark is based on a *weighted 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.

You don't have to schedule a time for tests. Ask any instructor and they will set you up. You may use a scientific (non-programmable) calculator and an equation sheet available within the course website. You are allowed 120 minutes to write each test. Rewrites are not available.

Students who reside outside the metro Vancouver area can arrange for remote proctoring of password-protected tests at another educational location. Contact me for details.

Please note - students are expected to complete their online course within a 4-5 month period of time.