

Physics 12 Outline

Instructor: Randolph Decker

Email: rdecker@sd40.bc.ca

Office location: Columbia Square.

Check the calendar on virtualschoolbc.ca for the schedule

To get started

1. Read this sheet!
2. Put a deposit on the textbook.
2. Get a WebCT ID and Password from an instructor.
3. Go to this address <http://www.virtualschoolbc.ca>
4. Click the login button at the bottom of the screen
5. Enter your WebCT ID and password

Textbook

Physics 5th or 6th edition Douglas C. Giancoli

Deposit \$100.00, which is refunded when you return the book

Course Description

Physics 12 online complies with the Resource Package for Physics 12 for British Columbia Secondary students. Successful completion of this course adds 4 credits towards your graduation plan. No Final exam or Provincial Exam is required.

Topics

Kinematics in one and two dimensions
Dynamics in one and two dimensions
Mechanics in one and two dimensions
Circular Motion and Gravitation
Static Equilibrium
Electrostatics
Electric Circuits
Electromagnetism

Course Goals

There are eight unit tests in Physics 12.. Click on the chapter number on the home page to see the readings and sample tests for that chapter. There is no final exam. There are no labs for the course. However, students may use on-line simulations. Don't hesitate to ask me for help. Please advise me by email if you find errors on any page.

The answers for the questions are in the back of the book. Detailed answers are available for all questions online.

Write the practice tests available from the website before writing an actual test. Rewrites are not available. 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.

Important: At the end of each chapter are questions on the material. Although I have not required students to hand in answers for the questions, you should answer them. Some test questions are based on these.