



Chemistry 12

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Description

Chemistry 12 begins with the study of reactions (including reversible reactions) and examines the concept of dynamic equilibrium. This understanding then forms the framework for the study of three branches of chemistry: Solution Chemistry, the Chemistry of Acids, Bases and Salts, and finally Electrochemistry.

Chemistry 11 (or permission of the teacher) is required for Chemistry 12, and students must have an English language reading ability at the grade 11 level.

The prescribed learning outcomes for Chemistry 12 are listed with each unit, and can also be found at the Ministry of Education's website:

(<http://www.bced.gov.bc.ca/irp/pdfs/sciences/2006chem1112.pdf>).

Please Note: Students have up to two semesters to complete the course.

Required Resources

The lessons and assessments are online, so you will need access to a computer with high-speed internet. Lessons use a combination of text, short videos, interactive animated exercises and links to websites to help you understand the concepts. The only required text is the workbook, an excellent source of exercises for practice:

Chemistry 12: A Workbook For Students by James A. Hebden.

Hebden Home Publishing 1998. (ISBN 978-0-9682069-0-4)



The workbook pages needed to start the course are available online. You will need your own workbook after the Unit 2 Test.

You will also need a scientific (not graphing) calculator.

Assessment Strategies and Performance Standards

Your final mark will be based on Lab Activities (10%), Tests (25%) and Exams (65%). Assessments are linked to learning outcomes, and assignment rubrics are found on the submission tool for each assignment. The lab activities and tests can be completed at home, but the three Exams (two midterm and one final) must be written under supervised conditions in either room #183 (if you are a NWSS student) or the Columbia Square ALC.

Further information about the BC Performance Standards and about reporting practices can be found at www.bced.gov.bc.ca/perf_stands/ and www.bced.gov.bc.ca/classroom_assessment/09_report_student_prog.pdf

To Begin

Once you have registered, access your course through our website (www.virtualschoolbc.ca) and follow the instructions on the Chemistry 12 Home Page.

All the best as you pursue your studies!