



v c c . c a

CHEM 1130: Chemistry for Health Sciences

EFFECTIVE DATE

January 2018

DEPARTMENT

UT Sciences

DESCRIPTION

This course is designed to introduce the student to basic concepts of chemistry including safety, properties of substances, atomic structure, periodic trends, bonding, chemical reactions, the mole concept, solutions, and the gas laws.

CREDITS

2.5

YEAR OF STUDY

1st Year Post-secondary

PREREQUISITES

Admission to the Pre-Health Science Program

COREQUISITES

None

COURSE LEARNING OUTCOMES

Upon successful completion of this course, students will be able to:

- Obtain the prerequisite body of knowledge and skills that will provide a basis for further career training in VCC Health Sciences programs.
- Demonstrate an awareness of chemistry in everyday life with an emphasis on chemistry in the health sciences.
- Communicate effectively using the language of chemistry.
- Work effectively in a team.

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 48

INSTRUCTIONAL STRATEGIES

Chemistry for Health Sciences uses a lecture based model. A significant amount of class time will be used for hands- on activities, group work, concept- development and problem solving.

GRADING SYSTEM

Letter Grade (A-F)

PASSING GRADE

D

EVALUATION PLAN

Type	Percentage	Assessment activity
Project	20	Group project
Quizzes/Tests	10	3 quizzes
Exam	70	4 exams

COURSE TOPICS

- Safety
- Properties of Substances
- Atomic Structure
- Periodic Trends
- Bonding
- Chemical Reactions
- The Mole Concept
- Solutions
- Gas Laws

LEARNING RESOURCES

None

Notes:

- Course contents and descriptions, offerings and schedules are subject to change without notice.
- Students are required to follow all College policies including ones that govern their educational experience at VCC. Policies are available on the VCC website at:
<https://www.vcc.ca/about/governance--policies/policies/>.
- To find out how this course transfers, visit the BC Transfer Guide at <https://www.bctransferguide.ca>.

Broadway campus

1155 East Broadway
Vancouver, B.C. Canada
V5T 4V5

Downtown campus

250 West Pender Street
Vancouver, B.C. Canada
V6B 1S9

Annacis Island campus

1608 Cliveden Avenue
Delta, B.C. Canada
V3M 6P1

604.871.7000

VCC.ca

Generated at: 9:41 pm on Apr. 19, 2021