



SCH 3U
CHEMISTRY
Grade 11 University
2016-2017

General Course Information

Prerequisite(s):	SNC2D
Teacher:	_____ (Science office, 416-395-3290 ext 20095)
Department:	Science
Assistant Curriculum Leader:	S. Evans, K. Fischer
Extra Help:	Available upon request or as otherwise noted.
Textbook and Replacement Cost:	\$ 85
Material Required:	Chemistry 11 (Nelson)

Course Description

This course enables students to deepen their understanding of chemistry through the study of the properties of chemicals and chemical bonds; chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and the behaviour of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some common chemical reactions on society and the environment.

Further information about this course can be found at

http://www.edu.gov.on.ca/eng/curriculum/secondary/2009science11_12.pdf

Course Information

Strands of Study (Units)	Number of Lessons
Matter, Chemical Trends and Chemical Bonding	15
Chemical Reactions	15
Quantities in Chemical Reactions	17
Solutions and Solubility	20
Gases and Atmospheric Chemistry	14

*Note: The order and duration of the units may be subject to change.

Teaching Strategies

You will have opportunities to learn and be assessed (formative assessment) before evaluations. Strategies which may be used (but are not limited to) are: quizzes, tests, problem-sets, laboratory activities, hands-on activities, independent study, problem-based learning, role-plays, and simulations.

Assessment and Evaluation:

To promote student success, ongoing assessment and feedback is given regularly to the students. A variety of assessment and evaluation strategies are used in this course. Expectations are evaluated based on the provincial curriculum expectations and the strands and/or categories outlined in the ministry document. The achievement chart for science can be found at www.edu.gov.on.ca. Guidelines are consistent throughout the province. Marks are weighted according to the achievement chart categories (Knowledge/Understanding, Inquiry, Communication, and Making Connections).

These categories help guide the creation of assessment and evaluation tools.

Each student's term mark will be in the form of a percentage grade based on their achievement in the course:

Knowledge/Understanding	30%
Inquiry	25%
Communication	20%
Application	25%



SCH 3U
CHEMISTRY
Grade 11 University
2016-2017

The breakdown of the final mark is as follows:

Term Evaluation	70%
Culminating	5%
Final Evaluation	25%

The final evaluation activities will be completed during the final 6 weeks of the course and may include a variety of summative activities.

In addition to students' performance in the achievement categories, students will also be assessed on their performance in the following learning skills:

- Responsibility
- Organization
- Independent Work
- Collaboration
- Initiative
- Self-Regulation

For specific policies on assessment and evaluation, and academic honesty, please refer to School Procedures in the student agenda.