



A. Y. Jackson S. S.
www.ayjackson.ca

SCH 4C Chemistry Grade 12, College

General Course Information

Prerequisite:	SNC 2D/P
Department:	Science: Biology/Chemistry
Extra Help:	By appointment with teacher
Textbook and Replacement Cost:	Chemistry McGraw-Hill, \$100
Material Required:	Notebook or three-ring binder, safety goggles
Course Fee:	None

Course Description

This course enables students to develop an understanding of chemistry through the study of matter and qualitative analysis, organic chemistry, electrochemistry, chemical calculations, and chemistry as it relates to the quality of the environment. Students will use a variety of laboratory techniques, develop skills in data collection and scientific analysis, and communicate scientific information using appropriate terminology. Emphasis will be placed on the role of chemistry in daily life and the effects of technological applications and processes on society and the environment.

The course is organized into five strands:

- Matter and Qualitative Analysis
- Organic Chemistry
- Electrochemistry
- Chemical Calculations
- Chemistry in the Environment

A detailed list of the course expectations can be found at

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

Assessment and Evaluation

To promote student success, ongoing assessment and feedback will be given regularly to the students. A variety of assessment and evaluation strategies will be used in this course, including tests, quizzes, labs, assignments/projects, presentations, and an exam. Expectations will be evaluated based on the provincial curriculum expectations and the achievement levels outlined in the ministry document.

Expectations are organized into four categories of knowledge and skills. The categories and their corresponding weighting is as follows:

Knowledge and Understanding	40%
Thinking	20%
Communication	20%
Application	20%

Each student's final mark will be in the form of a percentage grade based on their achievement in the 4 categories on the achievement chart. The breakdown of the final mark is as follows:

Term Evaluation	70%
Final Evaluation	30%

The final Evaluation will be completed during the final 6 weeks of the course and may include a variety of summative activities including an exam, a presentation, a seminar, or an essay or another writing assignment.

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.

Department Policies



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Late Assignments

Students must communicate with the teacher in advance if they anticipate that an assignment will be late. Different situations will require specific decisions based on professional judgment. Late assignments will not be accepted after the assignment has been taken up in class or the marked assignment has been returned.

Missed Evaluations

A student who misses an evaluation must submit upon return to class a parental/guardian note or a doctor's note detailing the reason for the absence and acknowledging the missed evaluation. The student may have the opportunity to demonstrate their proficiency of the learning expectations at a later date, at the teacher's discretion. This may or may not be in the same format as the original evaluation. The teacher will determine the time and form in which the evaluation will take place.

Turnitin.com

Projects, lab reports and other written assignments will first be submitted through www.turnitin.com. Students are asked to use the class identification code and password given by your teacher to enrol. For every assignment, students will have an opportunity to check their similarity rating and make changes to their work accordingly *prior* to the due date.