



A. Y. Jackson S. S.  
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## SNC4M General Science Grade 12, College/University

### General Course Information

Prerequisite:	SNC2, Science, Grade 10, Academic or Applied
Department:	Science
Extra help:	By appointment with teacher
Textbook and Replacement Cost:	Handouts
Materials Required:	3-Ring binder, Notebook
Course Fee:	None

### Course Description

This course enables students including those pursuing postsecondary programs outside the sciences to increase their understanding of science and contemporary social and environmental issues in health-related fields. Students will explore a variety of medical technologies, pathogens and diseases, nutritional science, public health issues, and biotechnology. The course focuses on the theoretical as well as experimental aspects of the topic under study and helps refine students' scientific investigation skills.

The course is organized into five strands:

- Scientific Investigation Skills
- Nutritional Sciences
- Pathogens and Diseases
- Public Health Issues
- Biotechnology

A detailed list of the course expectations can be found at <http://www.edu.gov.on.ca/eng/curriculum/secondary/science.html>

### 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 labs, case studies, assignments, projects/presentations, tests and quizzes. 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	25%
Thinking	25%
Communication	25%
Application	25%

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 each student's 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.



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**2012 – 2013**

**Department Policies**

**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. 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.

**Classroom Expectations**

- Come on-time and be prepared with all your materials.
- Attendance is mandatory- you will often be expected to hand in work (that will be marked) at the end of the period.
- Absences require a note from your doctor stating the reason for it.
- Late assignments will not be marked if the marked assignments are returned or taken up in class.
- You are responsible for keeping a neat and organized notebook.
- Tests and Presentations are scheduled at least 1 week in advance. There are normally NO MAKE-UP TEST except under exceptional circumstances. You must inform me in advance to make alternate arrangements.
- Quizzes will be given often to check your understanding on material learned. There will be NO MAKE-UP QUIZZES.