



General Course Information

Prerequisite(s):	SNC 2D/2P
Teacher:	_____ (Science office, 416-395-3290 ext 20095)
Department:	Science
Assistant Curriculum Leader:	S. Evans, K. Fischer
Extra Help:	Available upon request
Textbook and Replacement Cost:	College Biology 11 (Nelson), \$95.00
Material Required:	Textbook

Course Description

This course focuses on the processes that occur in biological systems. Students will learn concepts and theories as they conduct investigations in the areas of cellular biology, microbiology, genetics, the anatomy of mammals, and the structure of plants and their role in the natural environment. Emphasis will be placed on the practical application of concepts, and on the skills needed for further study in various branches of the life sciences and related fields. Further information about this course can be found at <http://www.edu.gov.on.ca/eng/curriculum/secondary/science1112curr.pdf>

Course Information

Strands of Study (Units)	Number of Lessons
Cellular Biology	14
Microbiology	16
Anatomy of Mammals	22
Plants in the Natural Environment	13
Genetics	16

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

You will have opportunities to learn and be assessed (formative assessment) before evaluations. Evaluation 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.

Evaluation of the achievement of the overall curriculum expectations is based on the achievement chart for science. 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, Thinking/Inquiry, Application and Communication)

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



SBI 3C
Biology
Grade 11 College
2016-17

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

Knowledge/Understanding	30%
Application	25%
Communication	20%
Thinking/Investigation	25%

The breakdown of the final mark is as follows:

Term Evaluation	70%
Culminating Project	10%
Final Exam	20%

The final evaluation will be completed during exam week.

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.