



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

## SBI3C Biology Grade 11, College

### General Course Information

Prerequisite:	Grade 10 Science (Academic or Applied)
Department:	Science, Biology
Extra Help:	Book by appointment.
Textbook and Replacement Cost:	<i>Biology, Addison-Wesley (\$90)</i>
Materials Required:	Binder, writing utensils, 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. The course is organized into 5 strands:

- Cellular Biology
- Microbiology
- Genetics
- Anatomy of Mammals
- Plants & the Natural Environment

A detailed list of the course expectations can be found at  
[http://www.edu.gov.on.ca/eng/curriculum/secondary/2009science11\\_12.pdf](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, projects, oral presentations, labs and other assignments. 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 project, or another 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.

### Course Policies

### Research and Citations



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- All research (for any assignment or project) must be accompanied by a bibliography
- Refer to Library Website, Citationmachine.net, or the MLA Website (MLA generator), Easybib.com. Assignments without bibliographies will not be accepted or given a mark accordingly.

### **Classroom Expectations**

*Classroom expectations are in place in order to ensure and safe & comfortable environment for all members of the class.*

*Please speak with me if you have any questions or concerns.*

1. Respect all people and property. This includes listening to and respecting all members of the class.
2. Bring all texts and supplies (e.g. paper, pens, & other items) necessary for class.
3. Complete your homework daily.
4. Come to class on time each day.
5. It is *your* responsibility to catch up on any work that you missed due to absence. This includes any missed tests. *You* should notify the biology office before class and explain that you will be away. *You* must arrange a time and place for a make-up test when you return to class.
6. Provide a note from a parent/guardian the day you return from an absence.
7. Call the Biology office (416 395 3140 x 20095) if you are going to be away.
8. All cell phones, iPods or any other electronic device should be **not to be used unless instructed by your teacher**. If they are used improperly (or without permission) in class, you will be directed to your VP in the main office for consequences.