

**Curriculum Overview:**

Biology 2201 is an academic Pan-Canadian science course that aims to develop Scientific Literacy. Scientific Literacy is an evolving combination of the science related attitudes, skills, and knowledge students need to develop inquiry, problem-solving, and decision-making abilities; to become lifelong learners; and to maintain a sense of wonder about the world around them.

**Course Sequence:**

Unit (Guide)	Categories (Gradebook)	Hours of Instruction (including evaluation)	Category Weighting (Gradebook)
1	Ecosystem Interactions and Population Dynamics.	22 Hours	14%
2	Processes that Sustain Life	33 Hours	21%
3	Maintaining Homeostasis	55 Hours	35%
	Final Exam		30%

September	October	November	December	January	February	March	April	May	June
Ecosystem Interactions and Population Dynamics		Processes that Sustain Life			Maintaining Homeostasis				
Skills Integrated Throughout									

***The Final Exam will be comprehensive in nature and contain content from the entire course.***

Instructor: Tina McDonald  
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Tutorials: Upon request  
Remind app:

### **Academic Rigor- Science Dept.**

- **Lab Reports:** All submitted lab reports should follow the following format:
- Cover Page containing appropriate title, name of course, submitted to, by and date of submission. Appropriate graphics are encouraged but not required.
- Have the following:
  - Purpose
  - Materials
  - Hypothesis
  - Method
  - Variables
    - Manipulated
    - Responding
    - Control
  - Observations
  - Analysis
  - Conclusion
  - Sources of error
- Single sided only
- Neatly written or typed
- Only on loose leaf paper if handwritten- ( pages cannot be removed from notebooks)

### **Assignments and STSE's:**

- Single sided only
- Neatly written or typed
- Only on loose leaf paper if handwritten- ( pages cannot be removed from notebooks)
- Original work only. If additional sources are used, appropriate citations must be included.

\*individual teachers may modify the above lab report outline at their discretion.