

Biology 30

Mr. Ian Langill
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Google Classroom: **rwlqi4vm**

Required Resources:

Paper, pencils, different coloured pens, highlighter, Chromebook/Device, binder, calculator

Objective:

1. To develop in students an understanding of the interconnecting ideas and principles that transcends and unifies the natural science disciplines.
2. To provide students with an enhanced understanding of the scientific world, inquiry and enterprise.
3. To help students attain the level of scientific awareness that is essential for all citizens in a scientifically literate society.
4. To help students make informed decisions about further studies and careers in fields requiring knowledge of the biological sciences.
5. To provide students with opportunities for acquiring knowledge, skills, and attitudes that contribute to personal development.

What does striving for excellence look like?

- I am **RESPECTFUL** of everyone and everything.
- I take **RESPONSIBILITY** for my work and strive to accomplish my goals.
- I show **INITIATIVE** by doing what needs to be done without being told.
- I demonstrate **INTEGRITY** in my actions by doing what is right.

Units of Study

Course Work 70%	CONCEPT 1: Nervous and Endocrine System Approximately 26 classes
	CONCEPT 2: Reproduction and Development Approximately 14 classes
	CONCEPT 3: Molecular Biology and Genetics Approximately 28 classes
	CONCEPT 4: Population and Community Dynamics Approximately 12 classes
Diploma 30%	The final exam for this class is the government-made Diploma Review: Approximately 3 day

Evaluation Procedures

Assignments/Labs	15%
Quizzes	15%
Chapter Exams	25%
Unit Exams (x3)	35%
Final Exam	10%
Diploma	30%

Due Dates

For late assignments, I will enter NHI on Powerschool and it will stay at zero until the assignment is handed in. **It is your responsibility to hand in the assignments in order to pass this course.** I am not going to track you down! It is your responsibility to hand assignments in if you want a good grade in this course. Three days after due date, you will receive a notice that you have a week to complete the assignment or you will receive a PED (which means a zero and it will not be marked)

Evaluation:

During Biology 30 your evaluations will occur in a variety of ways. There are assignments, quizzes and tests, but also there will be a collection of data of understanding through conversations, and check in observations. I believe that assessments provided in different methods and in different ways allow me to see who you are as a science student in a more rounded way.

In order to succeed in Biology 30 students are expected to complete all course work.

- **Formative assessments:** Formative assessments are used to evaluate student comprehension, learning needs, and academic progress during a lesson and throughout a unit. Some examples include: Check In's Practice Questions, and Review Booklets. Formative assessments will provide students with feedback to their learning and will allow students to fill in gaps in their comprehension before moving into a summative assignment.
- **Summative assessments:** Summative assessments are used to evaluate students by comparing it against an outcome. Summatives occur after use of formative assessments. Larger assignments and projects, quizzes and concept exams will be some examples of assessments used to allow students to see their progress in learning in regards to the outcomes of the course. The best way to prepare for summative assessments is to ensure that you complete all formative practice given as well as review concepts prior to the summative.
- **Missed Assignments/Tests:** Students are responsible to make up any missed work in the course. If absent, please speak to me to create a timeline to ensure all material is done in a timely manner. Exams will be expected to be written in class. If you are sick that day and unable to attend class you will make time to write it when you return.
- **Re-Assessments on Summative Material:** Students will have the opportunity for reassessment throughout the semester as deemed necessary. In order to have access, students will need to prove they have taken initiative to study and prepare. Any re-assessments can be done during TAG, before or after classes, during in-class work time or during break.

Student Expectations

- Be on time to class. Come to class **punctually and regularly**.
- Eating is permitted in the classroom as long as you **clean up your mess**.
- You are not allowed to use your cell phone at any time during the class unless I have given specific instructions for you to follow.

Classroom Behaviour

Students are expected to behave in a mature manner while in class. If a student decides to misbehave then they will be asked to leave the classroom. The student will work independently in the hallway until further instructed by the teacher. **This is an academic course that moves at a fast pace** so I will not tolerate disruptive behaviour. This includes online behaviour.