

# **Biology 11**

**Mr. Craig Evely  
Duncan MacMillan High School**

## **Overview**

Biology 11 is a course that covers the basic structures of life, the classification and interaction between living things, and explores some of the systems within the human body. This course will touch on several broad topics so it is imperative that you keep detailed notes for the duration of this class. Bio 11 is a prerequisite course to Bio 12, and is essentially the first step into a university level class. Good study habits are necessary to be successful in this academic course, which means you should spend about 30 minutes a day outside of class reviewing and organizing notes, and studying for upcoming assessments.

## **Course Outline**

### **Unit 1: Matter and Energy for Life** *(February – March)*

- The Development of Cell Theory
- Introduction to Laboratory Work
- Basic Cellular Structures
- Membranes as Boundaries
- Photosynthesis and Respiration

### **Unit 2: Biodiversity** *(March-April)*

- Organizing Living Things
- Introduction to the Diversity of Life

### **Unit 3: Interactions Among Living Things** *(April-May)*

- Biomes and Introduction to Ecology
- Ecosystems
- Population Changes
- Human Population Growth and Global Resources

### **Unit 4: Maintaining Dynamic Equilibrium** *(May – End of Semester)*

- Digestion System
- Circulation and Blood
- Respiratory System
- \*Excretory System\*
- \*Immune System\*

## **Marking Structure**

This course is marked on a unit-based structure. Each unit will be weighted based on the amount of time spent on it. Within each unit there will be a variety of assessments:

- Written assignments
- Presentations
- Quizzes and Tests
- Lab assignments

The length, effort required and structure of the work will determine its weighting within the unit.

**Course Work: 80%**

**Final Exam: 20%**

Students may exempt this exam with good attendance and course work fully completed to a satisfactory level. In the case of an exemption, your course work will be weighed 100% of your final mark.

## **Class Rules and Expectations**

**Missed Assignments and Tests:** As a responsible student, you are expected to seek out any assignment or test you have missed due to absence. If you miss a test, you will write it the first day you arrive back, unless an arrangement is made with me beforehand.

**Late Assignments:** It is required that you keep up with the work that is assigned in this class. Any assignment that is handed in **2 days** past the given due date will **not be accepted**. It is important that your classmates receive timely feedback, which means assignments will likely be returned within 2 days. You cannot hand in an assignment that has been marked and returned.

**Cell Phones:** You will not be permitted to use cell phones in the classroom unless you have permission from the teacher.

**Plagiarism:** Plagiarism is a serious offense at this level. Do not copy off of a friend's work: Be sure that you are only passing in your own, authentic work. Internet references will be used in this class, and you are expected to provide me with the reference used.

**Cheating:** As you know, cheating is not permitted. First offence will result in a retest/resubmission. Subsequent offences may result in more drastic actions.

**Respect:** We must respect all students, teachers, and staff members at all times. We are all here to learn and progress.

## **Contact**

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