

Biology 12 Course Outline

Teacher: Mr. Romswinkel

Email: romswinkel_b@surreyschools.ca

Phone: (604) 588-1258 ext. 3223

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Website: mromswinkel.com

Room: C223

What is Biology 12?

Biology 12 is the study of human organisms and their associated life processes. Biology 12 continues to build upon the science foundation you started in Science 8-10 and especially Biology 11.

From the micro-world of biochemistry to the different organ systems of the body, we will cover a variety of the parts and systems of the human body. Because this is a very comprehensive course, your grade in Biology 12 will be looked at for entrance into science programs at post-secondary institutions.

This is an easy class right?

I wish I could tell you yes, but unfortunately it is not easy. Daily reading, memorizing vocabulary and names of structures and understanding of complex systems is what this class is all about. Have people received over 90% in my Biology 12 class? Yes, lots of students have scored 90% or better in my class but what it required was a little bit of quality work per day to keep up with the material and to keep from having to “cram” before an exam. Sometimes you will need to work a little more to achieve something that is important to you. This class should be very important to you if you are hoping to continue your education in the in the health sciences.

The units you will study are (not necessarily in this order):

1. Biochemistry of the cell
2. Cell structure, Compounds and Intracellular Transport
3. Cell processes of the Nucleus: Its regulation and application
4. Digestion
5. Circulation and Blood
6. Respiration
7. Excretion (Urinary System)
8. Nervous System – Neural Unit and Connections
9. Endocrine System
9. Reproduction

Textbook You Will Need:

1. Textbook: Biology 12 McGraw Hill

Evaluation:

1. Assessments: 80% (there are many forms of assessments)
2. Comprehensive Final Assessment: 20% (Based on information from all chapters studied this semester)

Attendance Policy:

If you are going to miss an exam you will need to either email me or call me in advance to let me know of your absence so I can add your name to the make-up list.

Make-up exam times and dates will be scheduled at least once per month. When they are scheduled they will be held downstairs in the Learning Support Room. When scheduled, these exam make-up days happen either between 6pm to 8:30pm on Tuesday or 6pm to 8:30pm Wednesday.

Only 2 exams can be made up and there is no make-up for the final exam.