



BIOLOGY 12

Course Outline

Welcome to Biology 12. We will be using a Computerized Management system for Biology 12. This course is an adapted Correspondence course which will be managed via MOODLE – an online course management system. You **must be self-motivated** to work through the course modules although your instructor is quite knowledgeable and able to help you through any difficulties in the course content. Also, there are a number of excellent internet resources provided through YouLearn.ca to assist your learning.

MOODLE* is a powerful online management system which will provide the following services:

1. Section Instructions
2. Links to Internet Resources
3. Links to Video Resources.
4. Management of Grades

*You will have to contact you instructor for a Login Name and Password.

**See the resources section for an explanation.

How is this course run?

This course is an adapted correspondence course and thus, you will be provided with the course material in the form of modules. At the end of each module, there is an assignment (Send-In-Activities) which you will submit to your instructor. It is up to you to work through the course material although limited one-on-one tutoring is available.

Each student will have their own login on our new MOODLE server which will track your grades as well as provide you with assignments, practice tests and an opportunity to ask question and interact with other students using the biology 12 forums. The forums are a powerful way to get help for particular concepts. As well, each section will have links to informative internet resources which will give you further information on the topic you are studying.

At the end of each section, you will write a short module test. Practice tests will be available on the MOODLE server in the relevant section. At the end of the course, all students will write a final exam. The exam questions will be both written and multiple choice.

Activation Assignment

As part of the new provincial government funding formulas for our centres, students **must complete** an **activation assignment** before they are formally enrolled into the course. The activation assignment demonstrates that the student is serious about their studies. Therefore, it is essential that you complete the activation assignment which is available on the school website. If you have any questions about this assignment, please don't hesitate to arrange to meet with your instructor. The link for the activation assignment is as follows:

<http://www.youlearn.ca/milesderksen.html>

Module Overview:

Module 1

Section 1.1: Cell Structure

Section 1.2 Cell compounds and Biological Molecules

Section 1.3: Transport Across Cell Membrane

TimeLines

Module 2

Section 2.1: DNA Replication

Section 2.2: Protein Synthesis

Section 2.3: Enzymes

Module 3

Section 3.1: Digestive System

Section 3.2: Circulatory System

Section 3.3: The Heart

Section 3.4: The Respiratory System

Module 4

Section 4.1: Nervous System

Section 4.2: Urinary System

Section 4.3: Reproduction

Evaluation:

The course will be evaluated according to the following schedule:

1. Send in Activities 30%
2. Module Tests 30%
3. Provincial Exam 40% (Check with your College/University to see if you are required to write a provincial). If you do not have to write the provincial exam, then your Activities and Tests will be worth 50% each.

Labs

There are no formal labs in this course since we do not have the proper facilities to conduct them at the Learning Centres.

Resources

Textbooks: We have a very limited supply of Biology 12 textbooks. They are **OPTIONAL** since there is more than enough information supplied via the internet and course notes. Please check with your instructor to see if there is a text book available – a deposit will be required to borrow a text book – the latest edition of the text book costs upwards of \$150 for a new copy. If you have not submitted an assignment in 2 months and have borrowed a textbook, you will be contacted and asked to bring it back for other students who are active in the course.

Internet Resources

1. **Links to Online Websites** – there are a number of websites that have been linked to MOODLE for each section. They provide a wealth of information. Also, you may consider using Wikimedia.com for info which is an online Encyclopedia which is constantly updated.

Your Instructor and Help

If you require extra help in the course, you have at least three options:

1. Contact your instructor via email (given below) and ask them via email. Usually, you will receive an answer within a day or two (or even quicker than that).
2. Phone one of the centers and setup an appointment to meet with your instructor for a tutorial.

3. Attend one of the sessions when you know that your instructor will be available. NOTE: Your instructor is responsible for a large number of courses and students and showing up at the Learning centers does not guarantee that you will always be able to receive help...it is better to have an appointment setup especially during busy times at the center.

If you have any further questions, here is my business card.

