

COURSE OUTLINE
Grading Systems



School of Arts & Science

BIOL 080 Inquiry into Life
Fall 2007

COURSE OUTLINE

1. Information

Course Description

This course is intended for the student interested in learning about the structure and function of the human body. The major areas of study are cell biology and human anatomy and physiology. This course provides Grade 12 biology equivalency.

Prerequisites: English 10 or assessment.

Time and Location

Section	Lab Time	Class Time
001 A	Fridays 12:30-1:50 PM (F244)	MW – 1:30-2:20 (E201) Tues 1:30-2:20 (Y310)
001 B	Fridays 2:00-3:20 PM (F224)	Same for both sections

2. Instructor Information

Instructor: Bruce Hardy

Office hours: MTW after class.

Office location: F346

Phone: Camosun phone = 370-3513 Home phone = 298-6663.

e-mail: brucehardy@shaw.ca. or hardy@camosun.bc.ca _____

3. Required Materials

(a) Textbook: Johnson and Losos, Essentials of the Living World.

(b) BIOL 080 Laboratory Manual. Fall 2007. Camosun College Biology Faculty.

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Biology 080 Section 001, Fall 07.
Content, Schedule and Grading System.

This schedule is fairly final (Oct. 4st), but changes are still possible.

WK	DATE (week of)	TOPIC	LAB TOPICS (Lab #)
1	Sept.3 (No Class Monday)	Some Fundamentals of Biology Scientific Inquiry	Lecture on Friday Sept 6
2	Sept.10	Introduction to Chemistry	(1) Metric Measurements
3	Sept.17	Organic Chemistry Intro to Cell Structure	(3) Microscopy/Cell Structure
4	Sept.24	Cell structure and Function	(4) Diffusion/ Osmosis
5	Oct.1	Cell structure and Function (cont'd) Energy, Enzymes.	(2) Organic Compounds
6	Oct.8 (No Class Monday)	Review Mid-term One. (10%)	(5) Enzyme Activity
7	Oct.15	Cell Division Introduction to Genetics	LAB EXAM I
8	Oct.22	Applied Genetics	(6) Scientific Method/Fitness
9	Oct.29	Genetics (concluded); Introduction to Human Anatomy and Physiology	(7) Nutrition
10	Nov. 5	Human Anatomy (continued)	(7) TBA
11	Nov.12 No Class Monday)	Review Mid-term Two (15%)	(8) Human Organ Systems
12	Nov.19	Human Physiology 1 Case Study (TBA)	(9) Human Organ Systems
13	Nov.26	Human Physiology 2 Human Nutrition LAB EXAM 2 Review	(8,9) Systems cont.
14	Dec.3	Final Review	LAB EXAM II

Basis of Academic Assessment: Labs + assignments: 20%
Take-home quizzes: 5%
Mid-term exam 1: 10%

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Mid-term exam 2:	15%
Lab Exam 1:	10%
Lab Exam 2:	15%
Final Exam:	25% (during exam week)

5. Intended Learning Outcomes

1. Describe cellular structure and explain cellular processes such as respiration and protein synthesis.
2. Discuss cancer and genetic engineering in the context of cellular processes.
3. Describe the structure and function of the human digestive system, cardiovascular system, respiratory system, nervous system, urinary system, and reproductive system.%

6. Basis of Student Assessment - TBA

Labs and Assignments	-	20%
Take-home quizzes	-	5%
Midterm Exam I	-	10%
Midterm Exam 2	-	15%
LAB EXAM I	-	10%
LAB EXAM II	-	15%
Final Exam		25%

Lab exams will be unit exams.
Please bring a pen *and* pencil to all exams.

7. Grading System

The following percentage conversion to letter grade will be used:

A+ = 90 - 100%	B+ = 77 - 79%	C = 60 - 64%
A = 85 - 89%	B = 73 - 76%	D = 50 - 59%
A- = 80 - 84%	B- = 70 - 72%	F = 0 - 49%
	C+ = 65 - 69%	

ADDITIONAL INFORMATION

General:

Be sure that you are familiar with the General Department Policies, which are stated in the lab manual. A student conduct code will also be observed.

ACADEMIC CONDUCT POLICY

There is an Academic Conduct Policy. It is the student's responsibility to become familiar with the content of this policy. The

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policy is available in each School Administration Office, Registration, and on the College web site in the Policy Section.

www.camosun.bc.ca/divisions/pres/policy/2-education/2-5.html

Please note: Plagiarism will not be tolerated in any form, and may result in "0".

No programmable devices are allowed in exams.

Each student is required to sign a Laboratory Safety Contract and give it to the instructor prior to commencing laboratory work in the course.

Attendance:

You are expected to attend all classes and labs, and be on time. It is your responsibility to acquire *all* information given during a class missed, incl. notes, hand-outs, assignments, changed exam dates etc.

Exams:

Missed lab exams cannot be made up. Missed lecture exams cannot be made up except in case of documented emergency or illness (doctor's note required). Unless prevented by emergency, you need to contact the instructor prior to the exam being missed in order to be eligible for the make-up exam.

Labs and Case Studies:

You need to attend. Please come prepared with a pencil and a few sheets of unlined and graph paper, in case drawings are required. **YOU CAN NOT TURN IN A LAB OR CASE STUDY FOR MARKS IF YOU DID NOT PARTICIPATE IN THE ACTIVITY DURING ITS SCHEDULED TIME PERIOD!**

Assignments:

Unless otherwise stated, all assignments are due at the *beginning* of the lab/class of the due date. A **professional format** is expected, i.e. a neat, legible, clean copy. "Rough" drafts risk rejection and a subsequent late penalty or reduced marks. If the assignment is more than one page, separate pages **must be stapled**.

LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College Calendar, Registrar's Office or the College web site at <http://www.camosun.bc.ca>