

**COURSE OUTLINE**  
Grading Systems

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**School of Arts & Science**

**BIOL 103 Non-Majors General Biology**  
**Fall 2011**

**COURSE OUTLINE**

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**1. Information**

Course Description

**This course is for the student interested in learning about the basics of the structure and function of living beings. Topics include cell biology, human anatomy and physiology, basic principles of biochemistry, genetics and nutrition.**

**Prerequisites:** English 12 or equivalent or be enrolled in English 12 or equivalent while taking this course

Time and Location

Section	Lab Time	Class Time
003 A	Th 6:30-9:20PM (F238)	W,Th 4:00-5:20PM (F200)
003 B	W 6:30-9:20PM (F238)	W,Th 4:00-5:20PM (F200)
005 A	M 6:30-9:20PM (F238)	M,Tu 4:00-5:20PM (F200)
005 B	Tu 6:30-9:20PM (F238)	M,Tu 4:00-5:20PM (F200)

**2. Instructor Information**

Instructor: David Raju

Office hours: TBA

Office location: Fisher 352

Phone: 370-3925

e-mail: raju@camosun.bc.ca

**3. Required Materials**

(a) Textbook: TBA

(b) BIOL 103 Laboratory Manual. **Fall 2011**. Camosun College Biology Faculty.

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#### 4. Content and Schedule

The following tentative schedule is subject to change if deemed necessary by the instructor.

WK	DATE (week of)	TOPIC (D) / CASE STUDY (C)	Lab #	LAB TOPICS (Lab #)
1	Sept. 6	Introduction to Biology (D) Scientific Method (C) <b>(NO CLASS ON MONDAY)</b>		Greetings/Safety/Intro <b>(NO LAB ON MONDAY)</b>
2	Sept. 12	Cell Structure and Function (D) Mitochondria (C)		<u>Microscopes/ Measurements &amp; Cells</u>
3	Sept. 19	Biochemistry (D) Henry David Thoreau (C)		Organic Macromolecules
4	Sept. 26	Cell Membrane (D) Osmosis Mystery (C)		Diffusion/ Osmosis (EGG Version)
5	Oct. 3	Enzymes (D) Catalase Study (C)		Enzymes
6	Oct. 10	Mitosis/Meiosis (D) Onion Root Mitosis (C) LAB EXAM 1 Review <b>(NO CLASS MONDAY)</b>		<b>NO LAB</b>
7	Oct. 17	Nutrition(D) Nutrition Diet (C) Lecture Exam 1 A/B Review		<b>LAB EXAM 1</b>
8	Oct.24	<b>Lecture Exam 1 A/B</b>		Cell Division
9	Oct. 31	Introduction to Genetics (D) Ethics of Cloning (C)		Genetics (CATLAB and/or Finger Print lab)
10	Nov. 7	Genetics (D) DNA Case (C)		<b>NO LAB</b>
11	Nov. 14	Human Anatomy (D) Transplant Case Study (C)		Nutrition
12	Nov. 21	Human Physiology(D) Genetic Disorder Case Study (C) Lab Exam 2 Review Lecture Exam 2 A/B Review		Human Organ Systems
13	Nov. 28	<b>Lecture Exam 2 A/B</b>		<b>LAB EXAM 2</b>
14	Dec. 5	Final Group Case Study (C)		<b>NO LAB</b>

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#### 5. Basis of Student Assessment

Labs/Cases/Assignments	30%
Lecture Exam 1 A/B	15%
Lecture Exam 2 A/B	15%
LAB EXAM 1	20%
LAB EXAM 2	20%

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

#### 6. 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 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](http://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.

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#### **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>