



**CAMOSUN COLLEGE**  
**School of Arts & Science**

**BIOL 151: Human Physiology**  
**Winter 2008**

**COURSE OUTLINE**

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**CALENDAR DESCRIPTION**

This course is the companion to BIOL 150. It provides an overview of functional relationships within the human body. Physiological processes are studied at both the cellular and organ system level, with an emphasis on the maintenance of homeostasis. Laboratory exercises illustrate basic physiological principles.

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**PREREQUISITES**

Biology 150, Chemistry 11 (or equivalent), English 12 or assessment.

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**Instructor Information**

Instructor: Larry Anthony  
Location: F340A  
Phone: 370-3388  
E-mail: [anthonyl@camosun.bc.ca](mailto:anthonyl@camosun.bc.ca)  
Website: <http://www.anthonyl.disted.camosun.bc.ca/>

Office hrs: Mon 11:30 – 12:20  
Wed 3:30 – 4:20  
Thu 2:30 – 4:20  
Fri 10:30 – 11:20

It is understood that the scheduled times may not coincide with available times for individual students. Therefore, I will be pleased to be available at other times; simply get in touch with me and set up a mutually convenient time.

**Required Materials**

Fundamentals of Anatomy and Physiology (7th edition), Martini, F.H. Pearson Benjamin Cummings (2007) OR another college level textbook of anatomy and physiology.

Biology 151 Laboratory Manual, Camosun College, 2008 (download individually from my website)

A lab coat must be worn for each laboratory period.

## Intended Learning Outcomes

1. Describe the concept of homeostasis and explain how it operates in the major physiological systems of the human body.
2. Demonstrate an understanding of the functioning of the major physiological systems of the human body at the cellular and systemic levels.
3. Explain how the major physiological systems of the body interact to bring about biological behaviours.
4. Understand how physiological processes are altered in injury or disease.
5. Apply anatomical vocabulary in a physiological context.
6. Perform laboratory procedures relevant to physiology (observe physiological phenomena, measure physiological data, organize / record / analyze results of physiological experiments).
7. Utilize critical thinking to apply physiological concepts to specific problem solving situations.

## Student Assessment

Assignments / tests:	20%
Midterm Exam 1:	15%
Midterm Exam 2:	15%
Lab Exam:	20%
Final Exam (Comprehensive):	30%

## Grading System

The Camosun Standard Grading System will be used to determine the final letter grade:

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

## **Student Responsibilities**

1. Follow any safety procedures specified by the instructor while in the Laboratory. Eating or drinking in the laboratory is NOT permitted. A final grade penalty of 1% per offence will be applied.
2. Work cooperatively. There are times when laboratory materials are limited in number and must be shared. Working in groups will facilitate access to materials AND, with the appropriate attitude, greatly enhance the learning experience.
3. Recognize that there are times for collaborative efforts and times for individual effort. Do your own work on exams and assignments for which you are the only person receiving credit. In the case of group assignments, aim to contribute equally and discuss disparities of effort within the group and with the instructor ASAP.
4. Hand in assignments on time. Late assignments will be assessed a penalty of 10% per day. If there is a reason that an assignment is late, discuss this with the instructor AND provide a brief written or e-mail explanation.
5. Write examinations and tests as scheduled. It is understood that special accommodation may be needed for personal circumstances that may prevent a student from attending an examination. Such personal excuses are limited, however, to personal illness or death of an immediate family member. In such cases, the instructor MUST be notified by phone or e-mail, in advance of the examination if possible. You will be REQUIRED to provide acceptable documentation (a letter from a physician or a copy of a death notice) to be granted any form of special accommodation.
6. Be familiar with the Camosun College student conduct policy, which may be found at:

<http://camosun.ca/about/policies/education-academic/e-2-student-services-&-support/e-2.5.pdf>