



**School of Arts & Science
BIOLOGY DEPARTMENT
BIOL 153
Anatomy and Physiology 2
Spring 2010**

COURSE OUTLINE

1. Instructor Information

Instructor:	W. Donald MacRae
Office Hours:	TBA
Location:	F346A
Phone:	370-3437
Email:	dmacrae@camosun.bc.ca
Website:	D2L

2. Intended Learning Outcomes

Upon completion of this course the student will be able to:

1. Use knowledge of normal anatomy and physiology to differentiate normal from abnormal when are doing physical assessments of clients.
2. Use and understand correct terminology when communicating with other members of the health care team.
3. Use knowledge of anatomy and physiology as a basis for further study of pathophysiology.
4. Apply knowledge of anatomy and physiology gained through laboratory activities in the clinical setting.
5. Help clients by in the maintenance of health and prevention of disease by explaining basic anatomy and physiology, nutrition and pharmacology.

3. Required Materials

Saladin, K. (2007). *Anatomy & Physiology: The Unity of Form and Function*. (4th Ed.) McGraw-Hill, New York.

Camosun College, Department of Biology. (2010). *Biology153 Laboratory Manual*, Camosun College.

4. Course Content and Schedule

Week	Date	Lecture	Lab
1	May 3	Cardiovascular System	
	May 4		LAB 1: Hematology
	May 6		
	May 7		LAB 2: Cardiovascular – ECG
2	May 10	Microbiology	
	May 11		LAB 3: Microbiology 1
	May 13		
	May 14		LAB 4: Microbiology 2
3	May 17	Lymphatic System	
	May 18		LAB 5: Lymphatic System
	May 20	Immunology	
	May 21		Review
4	May 24	Victoria Day – College closed	
	May 25		Midterm Lecture Exam and Lab Exam
	May 27	Digestive System	
	May 28		LAB 6: Digestive System A&P
5	May 31	Metabolism	
	June 1		LAB 7: Nutrition and Metabolism
	June 3	Respiratory System	
	June 4		LAB 8 : Respiratory System A&P
6	June 7	Urinary System	
	June 8		LAB 9: Urinary System A & P
	June 10		
	June 11		LAB 10: Reproductive System
7	June 14	Reproductive System	
	June 15		Final Lab Exam
	June 17		
	June 18		
	June 21-25	Final Exam	

5. Basis of Student Assessment (Weighting)

Assignments/Quizzes	15%
Midterm Lab Exam	10%
Final Lab Exam	15%
Midterm Lecture Exam.....	25%
Final Comprehensive Exam.....	35%
TOTAL	100%

6. Grading System

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	A		8
80-84	A-		7
77-79	B+		6
73-76	B		5
70-72	B-		4
65-69	C+		3
60-64	C		2
50-59	D	Minimum level of achievement for which credit is granted; a course with a "D" grade cannot be used as a prerequisite.	1
0-49	F	Minimum level has not been achieved.	0

Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy E-1.5 at camosun.ca for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description
I	<i>Incomplete:</i> A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.
IP	<i>In progress:</i> A temporary grade assigned for courses that, due to design may require a further enrollment in the same course. No more than two IP grades will be assigned for the same course. <i>(For these courses a final grade will be assigned to either the 3rd course attempt or at the point of course completion.)</i>
CW	<i>Compulsory Withdrawal:</i> A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement.

7. Recommended Materials or Services to Assist Students to Succeed Throughout the Course

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, at Student Services, or the College web site at camosun.ca.

STUDENT CONDUCT POLICY

There is a Student Conduct Policy **which includes plagiarism**.
It is the student's responsibility to become familiar with the content of this policy.
The policy is available at <http://camosun.ca/about/policies/policies.html>.

Notes:

1. Some labs involve the handling of materials classified as biohazardous. Students are required to wear closed-toed shoes and a laboratory coats.
2. Exams and quizzes are to be written at the scheduled time. In the situation where illness or an emergency makes attending the regular exam time a hardship, inform your instructor as soon as possible. To request alternate evaluation to compensate for the missed mark, evidence of the circumstance for missing the exam should be provided.