



COURSE OUTLINE

The course description is online @ <http://camosun.ca/learn/calendar/current/web/biol.html>

1. Instructor Information

Instructor: Tom Mace
Office Hours: 11:30 – 12:30 (M,T,W,Tu), 12:30 – 1:30 (F), or any time Tom is in his office.
Location: F248B
Phone: 370-3436
Email: mace@camosun.bc.ca

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

(a) Texts

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

Camosun College, Department of Biology. (2010). *Biology 153 Laboratory Manual*, Camosun College.

(b) Other (optional)

Engelkirk, P.G. and Burton, G.R.W. (2007). *Burton's Microbiology for the Health Sciences*. Lippincott Williams & Wilkins.

Kapit, W. and Elson, L. (2002). *The Anatomy Coloring Book*. New York, NY: Harper & Row. (*or other similar publication)

Krieger, P.A. (2009). *A Visual Analogy Guide to Human Anatomy*. (2nd Ed.) Morton Publishing Company, Colorado.

4. Course Content and Schedule

1	Jan 6 – 8	No Lecture	NO LABS
2	Jan 11 – 15	Cardiovascular System	LAB 1: Lab Safety (Review) Cardiovascular – Hematology
3	Jan 18 – 22	Cardiovascular System Microbiology	LAB 2: Cardiovascular – ECG
4	Jan 25 – 29	Microbiology Lymphatic System	LAB 3: Microbiology 1
5	Feb 1 – 5	Immunology	LAB 4: Microbiology 2
6	Feb 8 – 12	Digestive System	LAB 5: Lymphatic System
7	Feb 15 – 19	Digestive System READING BREAK (18th/ 19th)	MIDTERM LAB EXAM
8	Feb 22 – 26 Feb 23 (evening)	Metabolism MIDTERM LECTURE EXAM	LAB 6: Digestive System A&P
9	Mar 1 – 5	Respiratory System	LAB 7: Nutrition and Metabolism
10	Mar 8 – 12	Respiratory System	LAB 8 : Respiratory System A&P
11	Mar 15 – 19	Urinary System	LAB 9: Urinary System Anatomy & Renal Physiology
12	Mar 22 – 26	Urinary System	LAB 10: Reproductive System
13	Mar 29 – Apr. 1 April 2	Reproductive System Good Friday – College Closed	FINAL LAB EXAM
14	April 5 April 6 – 9	Easter – College Closed Reproductive System	NO LABS

5. Basis of Student Assessment (Weighting)

Assignments	15%
Midterm Lecture Exam	25%
Lab Exam I (midterm)	10%
Lab Exam II (final)	15%
Final Comprehensive Theory Exam	35%

TOTAL 100%

6. Grading System : Standard Grading System (GPA)

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 in each School Administration Office, at Student Services, and the College web site in the Policy Section.