



COURSE OUTLINE

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

1. Instructor Information

Instructor: Tom Mace
Office Hours: Monday to Thursday, 11:30 – 12:30, Friday 12:30 – 1:20; or any other time when Tom is in his office.
Location: F248B
Phone: 250-370-3436
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 anatomical and physiological terminology as it relates to the cardiovascular, digestive, respiratory, lymphatic, immune, urinary and reproductive systems.
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.
5. Use concepts related to basic anatomy, physiology, nutrition and microbiology in order to explain maintenance of health and prevention of disease

3. Required Materials

(a) TEXTBOOKS

Martini and Ober. (2011). *Visual Anatomy and Physiology*, Pearson Education Inc. San Francisco.

Department of Biology. (2011). *Biology 153 Anatomy & Physiology II Laboratory Manual*, Camosun College, Victoria.

(b) OPTIONAL BOOKS

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 Physiology*. (2nd Ed.) Morton Publishing Company, Colorado.

4. Course Content and Schedule

1	Jan 9 – 13	Hematology	LAB 1: Lab Safety (Review) Cardiovascular – Hematology
2	Jan 16 – 20	Cardiovascular physiology	LAB 2: Cardiovascular – ECG
3	Jan 23 – 27	Cardiovascular physiology	LAB 3: Microbiology 1
4	Jan 30 – Feb 3	Cardiovascular physiology Microbiology	LAB 4: Microbiology 2
5	Feb 6 – 10	Microbiology Lymphatic System	LAB 5: Lymphatic System
6	Feb 13 – 15 Feb 16 & 17	Immunology READING BREAK	NO LABS this week
7	Feb 20 – 22	Immunology	MIDTERM LAB EXAM
8	Feb 27 Feb 27 – Mar 2	Midterm Exam (F202) Digestive System	LAB 6: Digestive System A&P
9	Mar 5 – 9	Digestive System Metabolism	LAB 7: Nutrition and Metabolism
10	Mar 12 – 16	Metabolism Respiratory System	LAB 8 : Respiratory System A&P
11	Mar 19 – 23	Respiratory System	LAB 9: Urinary System Anatomy & Renal Physiology
12	Mar 26 – 30	Urinary System	LAB 10: Reproductive System
13	Apr 2 – 5 Apr 6	Fluid Acid Base Balance Reproductive System Good Friday	NO LABS this week
14	Apr 9 Apr 10 – 13	Easter Monday Reproductive System	FINAL LAB EXAM

5. Basis of Student Assessment (Weighting)

Assignments and quizzes	15%
Midterm Lecture Exam (Feb. 27, 5:30-6:50 pm F202) ..	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. (For these courses a final grade will be assigned to either the 3 rd course attempt or at the point of course completion.)
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.

ADDITIONAL COMMENTS AS APPROPRIATE OR AS REQUIRED