



**School of Arts & Science
BIOLOGY DEPARTMENT**

**BIOL 150-004
Human Anatomy
2007F**

COURSE OUTLINE

1. Instructor Information

Instructor: Don MacRae
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2. Intended Learning Outcomes

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

1. Describe, using anatomical terminology, the human body at the tissue, organ and organ system levels.
2. Locate and identify gross and microscopic anatomical structures associated with the 11 human organ systems in slides, models, photographs, diagrams and dissections.
3. Interpret the relationships between anatomical structures in sectional planes of the human body, and describe these relationships using regional and directional terminology.
4. Relate anatomical structures to their basic functions and predict how changes in one would logically be expected to result in changes in the other.
5. Locate and identify surface anatomical structures by palpation.
6. Define anatomical and physiological terms, and apply this terminology in the context of human health science.

3. Required Materials

1. Texts

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

Biology 150 Laboratory Manual, Camosun College, 2007.

4. Course Content and Schedule

Wk	Dates	Lecture Topic	Lab Theme
1	Sept 3	Labour Day	College closed
	6	Introduction	Body planes, directional terms, cavities and other warm-up exercises
2	10	Cells	Tissues
	13	Tissues	
3	17	Skeletal System	Axial skeleton
	20		
4	24	Articulations	Appendicular skeleton
	27	Muscular System	
5	Oct 1	Muscular System	Articulations and movement
	4	Nervous System	
6	Oct 8	Thanksgiving	College closed
	11	Nervous System	Major muscles and actions -1
7	15	Nervous System	Major muscles and actions -2
	18	Endocrine System	
8	22	Sensory Organs	Central Nervous System (ovine brain dissection)
	25	Cardiovascular System	
9	29	Cardiovascular System	Endocrine Organs/Peripheral Nervous System/Eye and ear (bovine eye dissection)
	Nov 1	Mid- term Exam	
10	5	Integumentary System - Respiratory System	Cardiovascular/Lymphatic Systems (ovine heart dissection)
	8	Respiratory System	
11	Nov 12	Remembrance Day	College closed
	15	Digestive System	Integumentary System/Respiratory System
12	19	Digestive System	Digestive System
	22	Urinary System	
13	26	Urinary System	Urinary System
	29	Reproductive System	
14	3	Reproductive System	Reproductive System
	6		
	Dec 10-18	Final Exam- TBA	

5. Basis of Student Assessment (Weighting)

Assignments	15%
Lab unit tests	30%
Mid-term Exam	15%
Final exam.....	<u>40%</u>
Total	<u>100%</u>

There will be approximately 15 assignments, to be completed by referring to texts and/or laboratory materials.

The Lab unit tests are a series of weekly tests, carried out during the first ~30 minutes of each laboratory period. Each will cover topics and lab materials studied in the previous week. The average of the best ten unit tests will make up the 30% component of the final grade.

The final exam (3 hr) will cover all topics included in the course and will be scheduled during the college examination period.

6. Grading System

This is the revised Camosun College grading system, effective Sept 07.

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 on the College web site in the Policy Section.

8. 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 grade penalty of 1% per offense will be applied.
2. Work cooperatively. There are many instances in which 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 accepted and graded **at the discretion of the instructor**. 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. In the case of illness or emergency, notify the instructor by phone or e-mail **in advance** of the examination and provide acceptable documentation. Make-up tests will not be arranged for missed weekly tests.
6. Be familiar with the Camosun College student conduct policy.