



**School of Arts & Science
BIOLOGY DEPARTMENT**

**BIOL 150-003A/B
Human Anatomy
2006F**

COURSE OUTLINE

The Approved Course Description is available on the web @
<http://www.camosun.bc.ca/learn/calendar/biol.html#BIOL150>

Ω Please note: this outline will be electronically stored for five (5) years only.
It is strongly recommended students keep this outline for your records.

1. Instructor Information

(a)	Instructor:	Thuy Nguyen
(b)	Office Hours:	M 9:30-10:20, 12:00-12:30, 1:30-1:50, 3:30-4:20 T 11:30-12:20 Th 9:30-10:20
(c)	Location:	F248A
(d)	Phone:	370-3433
(e)	Email:	nguyen@camosun.bc.ca

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

- (a) Texts Anatomy & Physiology (7th ed) Seeley R., Stephens T., Tate P. McGraw Hill (2006).
- (b) Other Biology 150 Lab Manual (Fall 2006) Camosun College

4. Course Content and Schedule

Class hours: 3 hrs lecture/week M (10:30 – 11:50) in Y201
 Th (10:30 – 11:50) in Y216
 3 hrs lab/week section A: W (8:30 – 11:20) in F226
 section B: W (12:30 – 3:20) in F226

Out of class: 6 hrs/week minimum
 Credits: 4 credits

BIOLOGY 150 TENTATIVE COURSE SCHEDULE - FALL 2006

Wk	Dates	Topics	Text refs	Labs
1	Sept 5-8	Introduction levels of organization, macromolecules, cells	Ch 1 – 3	Lab 1: Body planes, directional terms, cavities/ introduction to systems
2	Sept 11-15	Tissues Integumentary system	Ch 4 Ch 5	Lab 2: Cell structure/ microscopy
3	Sept 18-22	Skeletal system	Ch 6, 7	Lab 3: Tissues/ integumentary system
4	Sept 25-29	Skeletal system cont. Articulations	Ch 7 Ch 8	Lab 4: Bone structure/axial skeleton
5	Oct 2 Oct 5	Muscles MIDTERM #I	Ch 9, 10	Lab 5: Appendicular skeleton and articulations
6	Oct 9 Oct 12	THANKSGIVING Nervous system Nervous tissue	Ch 11	Lab 6: Muscle tissue/ major muscles and actions
7	Oct 16-20	Brain, cranial nerves Spinal cord, nerves	Ch 13 Ch 12	LAB EXAM 1
8	Oct 23-27	Integration of systems Special senses	Ch 14 Ch 15	Lab 7: Central nervous system/brain and spinal cord
9	Oct 30-Nov 3	Endocrine system Cardiovascular system	Ch 18 Ch 19	Lab 8: Peripheral nervous system
10	Nov 6 Nov 9	Cardiovascular system MIDTERM #II	Ch 20, 21	Lab 9: Eye and ear/ endocrine glands
11	Nov 13 Nov 17	REMEMBRANCE DAY Lymphatic system	Ch 22	Lab 10: Blood, heart, blood vessels, lymphatic system
12	Nov 20-24	Respiratory system Digestive system	Ch 23 Ch 24	Lab 11: Respiratory/digestive system
13	Nov 27-Dec 1	Digestive system cont. Urinary system	Ch 24 Ch 26	Lab 12: Urinary/Reproductive system
14	Dec 4-8	Reproductive system	Ch 28	LAB EXAM 2
15	Dec 11-29	FINAL EXAM – TBA		

5. Basis of Student Assessment (Weighting)

a) Quizzes, Assignments & Lab Reports	15%
b) Lab exam 1	15%
c) Lab exam 2	15%
d) Lecture midterm 1	15%
d) Lecture midterm 2	15%
e) Final	<u>25%</u>
	<u>100%</u>

6. Grading System

Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
95-100	A+		9
90-94	A		8
85-89	A-		7
80-84	B+		6
75-79	B		5
70-74	B-		4
65-69	C+		3
60-64	C		2
50-59	D		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 at camosun.ca or 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 are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.
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.

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.

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.