



CAMOSUN COLLEGE
School of Arts & Science
Department of Biology

BIOL-150-001AB
Human Anatomy
Winter 2020

COURSE OUTLINE

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

Ω Please note: This outline will not be kept indefinitely. It is recommended students keep this outline for their records, especially to assist in transfer credit to post-secondary institutions.

1. Instructor Information

(a) Instructor	Brooke Cameron (Lecture, Lab Section A); Thuy Nevado (Lab Section B)	
(b) Office hours	Brooke: Mondays 10:30am-1:30pm, Wednesdays 12:30pm-2:30pm Thuy: Tues 11:30am-12:30pm, Wed 3:00-4:00pm, Thurs 2:30-3:30pm	
(c) Location	Brooke: Fisher 246 Thuy: Fisher 248A	
(d) Phone	Brooke: 250-370-3196 Thuy: 250-370-3433	Alternative:
(e) E-mail	Brooke- cameronb@camosun.bc.ca Thuy- nevadot@camosun.bc.ca	
(f) Website	http://online.camosun.ca – Log in to D2L to access course materials	

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

- (b) (Recommended) Fundamentals of Human Anatomy and Physiology, 11th edition, Martini, Nath & Bartholomew, Pearson Education, 2017 (earlier editions are ok)
- (c) (Required) The Anatomy Coloring Book, 4th edition. Kapit & Elson, Pearson Education, 2014
- (d) (Required) BIOL 150 Human Anatomy Lab Manual - Available on D2L

4. Course Content and Schedule

Lectures:	Mondays	4:00PM-5:20PM	F200
	Thursdays	4:00PM-5:20PM	F100
Labs:	Section A: Friday	1:30PM-4:20PM	F226
	Section B: Friday	9:30AM-12:20PM	F226

Please note: the following is a tentative schedule of course topics and events.

Any changes to this schedule will be announced in class and posted on D2L.

Week	Date	Lecture Topics	Textbook Chapter*	Labs
1	Jan 6 – Jan 10	Introduction Histology	1 4	Lab 1 Histology
2	Jan 13 – Jan 17	Histology (cont.) Skeletal System	4 6, 7, 8	Lab 2 Axial Skeleton
3	Jan 20 – Jan 24	Skeletal System (cont.) Articulations	6, 7, 8 9	Lab 3 Appendicular Skeleton
4	Jan 27 – Jan 31	Muscular System	10, 11	Lab 4 Muscles of Axial Skeleton
5	Feb 3 – Feb 7	(Exam #1 – Mon, Feb 3) Cardiovascular System	20, 19, 21	Lab 5A Muscles of Appendages <i>and</i> Lab 5B Articulations
6	Feb 10 – Feb 14	Cardiovascular System Lymphatic System	20, 19, 21 22	LAB EXAM #1
7	Feb 17 – Feb 21	COLLEGE CLOSED: Family Day + Reading Break		
8	Feb 24 – Feb 28	Respiratory System Digestive System	23 24	Lab 6 Cardiovascular and Lymphatic Systems
9	Mar 2 – Mar 6	Digestive System (cont.) Urinary System	24 26	Lab 7 Respiratory and Digestive Systems
10	Mar 9 – Mar 13	Urinary System (cont.) Male Reproductive System	26 28, 29	Lab 8 Urinary and Reproductive Systems
11	Mar 16 – Mar 20	(Exam #2 – Mon, Mar 16) Female Reproductive System	28, 29	Lab 9 Central Nervous System and Peripheral Nervous System
12	Mar 24 – Mar 27	Nervous System	12, 13, 14, 16	Lab 10 Sense Organs, Integumentary System, and Endocrine System
13	Mar 30 – Apr 3	General and Specialized Senses	15, 17	LAB EXAM #2
14	Apr 6 – Apr 10	Integumentary System Endocrine System	5 18	GOOD FRIDAY: NO LAB
15	Apr 14 - Apr 22	Exam #3 – date & time TBA		

* Text book chapters noted here will be covered, at least in part. However, in many cases we will not be covering the whole chapter in Biology 150. More specific page and figure numbers will be referenced during our lectures

5. Basis of Student Assessment (Weighting)

(a) Assignments and Quizzes

Pre-lab assignments (colouring book pages)	5%
Weekly pre-lab quizzes (at the start of lab)	5%
Post-lab assignments (end-of-lab check)	2%
Lecture assignments/quizzes	8%

(b) Lecture Exams

Exam #1 (Monday, Feb 3)	15 %
Exam #2 (Monday, Mar 16)	15 %
Exam #3 (April 14 - April 22, TBA)	25 %

(c) Lab Exams

Lab Exam #1 (Week 8 in-lab: Friday, Feb 28)	12.5%
Lab Exam #2 (Week 13 in-lab: Friday, April 3)	12.5%

*Please note: Exams 1 and 2 as well as Lab Exams are non-cumulative, while Exam 3 is cumulative. More information regarding the exams will be posted on D2L closer to exam dates.

6. Grading System

Standard Grading System (GPA)

Competency Based Grading System

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

Take advantage of our Biology Help Center for FREE drop-in tutoring and help:
<http://camosun.ca/services/help-centres/science-help.html#biol>

Laboratory Attendance

Lab work is essential to the course objectives, thus attendance is mandatory. Labs will start promptly- late attendance may result in inability to attend the lab and write the lab quiz, resulting in subsequent loss of credit for any assignments. If a lab session is missed, another student's data **may not** be used to complete a lab assignment for credit. Exceptions can be made **at the instructor's discretion** in legitimate cases of emergency (e.g. illness); in such cases the instructor must receive **advance notification** and **documented evidence** of the situation (e.g. medical certificate) and grant approval for any accommodation.

Written Work

Lecture assignments will be assigned at the instructor's discretion. It is the student's responsibility to be informed of any work expected and the dates the work is due. Work intended to be submitted by an individual must be completed independently, keeping in mind student conduct requirements.

Late Penalties

Unless otherwise stated, all assignments are due at the beginning of the lab/class of the due date. There is a **10%/day late penalty** (rounded to the nearest full mark) except in cases of documented illness/emergency. Late assignments will **not** be accepted after marked assignments have been returned to the rest of the class one week after the due date.

Plagiarism

You are encouraged to discuss assignments with your lab partner, however, **each assignment has to be your individual work – beware of plagiarism.**

Plagiarizing is appropriating the work or parts or passages of another's writing (including the ideas or language) and passing them off as the product of one's own mind or manual skill (see <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.5.1.pdf>).

Plagiarism is a serious offence and is considered to be academic misconduct, and so **will not be tolerated**. A student caught plagiarizing will forfeit all credit for the assignment and perhaps the course. Except where work is assigned to a group, all written work, **including lab data processing** and graphs, must be done individually.

Missed Exams

Without exception, all exams must be written at the scheduled times. It is understood that emergency circumstances occur (e.g. severe illness or emergency in the immediate family); for such circumstances accommodation may be offered at the discretion of the instructor, provided the student:

- (a) notifies the instructor **in advance** of the exam (not after), and
- (b) provides **documented evidence** of the circumstance (i.e. medical certificate).

*** HOLIDAYS OR SCHEDULED FLIGHTS ARE NOT CONSIDERED TO BE EMERGENCIES ***

Be sure not to make travel plans for the end of semester until the final exam schedules are finalized and posted. Please ask any family members who might make travel plans on your behalf to consult you before booking tickets.

Cheating

A student caught cheating on an exam will forfeit all credit for that exam and perhaps for the course. Cheating is a serious offence and is considered to be academic misconduct. Cheating includes but is not limited to:

- (a) using unauthorized materials or resources in a quiz/exam, and
- (b) providing information to another person regarding exam content.

The consequences for cheating and plagiarism are outlined by Camosun College policies (see <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.5.pdf>) and penalties may be severe.

Study Habits

Good (and regular!!) study habits are required to do well in this course. You should plan on a minimum of 6 hours outside of scheduled class time for the completion of assignments and for general studying.

Lecture presentations will be uploaded to D2L every Friday. These notes should be used as a study guide, not as your sole source of information. You will need to write down additional key words for examples and explanations given during lecture. It is also recommended practice to transform these notes into a study-friendly format after each lecture, incorporating additional information from your textbook. Study these notes before the next class to prepare yourself for new material, which will often build on previously covered material.

Please take advantage of office hours if you need extra clarification and help, or simply would like to discuss a topic a little further.

Summary of Student Responsibilities

1. Attending classes and actively engaging in lecture times are optimal for learning and therefore are in the best interests of student success. Should it be necessary to miss a lecture, however, it is the student's responsibility to catch up on anything that may have been missed (e.g. important announcement or assignments).
2. Students must hand in required assignments on time or be subject to a 10% per day late penalty.
3. Evaluation of written or oral work will not be given if a student is not present.
4. Students must work independently, except when a group effort is required.
5. Students must know and follow all Safety Rules and Procedures. Students must sign the Safety Contract before participating in any laboratory activity.
6. All safety measures must be followed, with **NO EXCEPTIONS**.
7. The use of cell phones during a test or quiz is prohibited and will result in a zero for that assessment if it is found on person during assessment.
8. All laboratories start punctually.

8. College Supports, Services and Policies



Immediate, Urgent, or Emergency Support

If you or someone you know requires immediate, urgent, or emergency support (e.g. illness, injury, thoughts of suicide, sexual assault, etc.), **SEEK HELP**. Resource contacts @ <http://camosun.ca/about/mental-health/emergency.html> or <http://camosun.ca/services/sexual-violence/get-support.html#urgent>

College Services

Camosun offers a variety of health and academic support services, including counselling, dental, disability resource centre, help centre, learning skills, sexual violence support & education, library, and writing centre. For more information on each of these services, visit the **STUDENT SERVICES** link on the College website at <http://camosun.ca/>

College Policies

Camosun strives to provide clear, transparent, and easily accessible policies that exemplify the college's commitment to life-changing learning. It is the student's responsibility to become familiar with the content of College policies. Policies are available on the College website at <http://camosun.ca/about/policies/>. Education and academic policies include, but are not limited to, Academic Progress, Admission, Course Withdrawals, Standards for Awarding Credentials, Involuntary Health and Safety Leave of Absence, Prior Learning Assessment, Medical/Compassionate Withdrawal, Sexual Violence and Misconduct, Student Ancillary Fees, Student Appeals, Student Conduct, and Student Penalties and Fines.

A. GRADING SYSTEMS <http://camosun.ca/about/policies/index.html>

The following two grading systems are used at Camosun College:

1. 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		1
0-49	F	Minimum level has not been achieved.	0

2. Competency Based Grading System (Non GPA)

This grading system is based on satisfactory acquisition of defined skills or successful completion of the course learning outcomes

Grade	Description
COM	The student has met the goals, criteria, or competencies established for this course, practicum or field placement.
DST	The student has met and exceeded, above and beyond expectation, the goals, criteria, or competencies established for this course, practicum or field placement.
NC	The student has not met the goals, criteria or competencies established for this course, practicum or field placement.

B. 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 <http://camosun.ca/about/policies/index.html> 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 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.