



CAMOSUN COLLEGE
School of Arts & Science
Department of Biology

BIOL-143-001
Anatomy for Sport Education
Winter 2018

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	Dr. Carolyn Rymes (lectures) & Dr. Kate Pettem (Laboratory Instructor)	
(b) Office hours	TBA	
(c) Location	CR – LACC 118A KP – Fisher352	
(d) Phone	n/a	Alternative:
(e) E-mail	rymescc@camosun.bc.ca	pettemk@camosun.bc.ca
(f) Website	n/a	

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 major human organ systems in slides, models, dissections and specimens.
3. Visualize and interpret the relationships between anatomical structures and describe these relationships using regional and directional terminology.
4. Relate anatomical structures to their basic functions.
5. Define anatomical and physiological terms, and apply this terminology in the context of human health and exercise science.
6. Develop basic microscopy and dissection skills.

3. Required Materials

- Text: *Human Anatomy (9th ed.)*, Martini, F., Tallitsch, R. & J. Nath (2018) or *Human Anatomy (7th ed.)*, Martini, F., Timmons, M. J. & R.B. Tallitsch (2009)
- The Anatomy Coloring Book, 4th edition. Kapit & Elson, Pearson Education, 2014.
- BIO-143 Anatomy for Sport Education Lab Manual - Available on D2L

4. Course Content and Schedule

Lectures:

Mondays 10:30 – 11:50am, Portable A, Room 101

Wednesdays 8:30 – 9:50am, Centre Business & Access Bldg. Room 120

Labs:

Mondays 2:30pm - 5:20pm, Technology Building, Room 230

* *Please note: the following is a tentative schedule of course topics and events. Any changes to this schedule will be announced in class and/or posted on D2L.

Week	Date	Lecture Topics	Labs
1	Jan 8 – Jan 12	Introduction Tissues (histology)	Lab 1 Introduction & Histology
2	Jan 15 – Jan 19	Skeletal System	Lab 2 Axial Skeleton
3	Jan 22 – Jan 26	Skeletal System (cont'd) Articulations	Lab 3 Appendicular Skeleton
4	Jan 29 - Feb 2	Muscular System	Lab 4 Muscles of Axial Skeleton
5	Feb 5 – Feb 9	Muscular System (cont'd) (Midterm #1 – Wed. Feb 07th)	Lab 5A Muscles of Appendages <i>and</i> Lab 5B Articulations
6	Feb 12 – Feb 16	COLLEGE CLOSED – Family Day + Reading Break	
7	Feb 19 – Feb 23	Cardiovascular System	LAB EXAM #1
8	Feb 26 – Mar 2	Lymphatic System Respiratory System	Lab 6 Cardiovascular and Lymphatic Systems
9	Mar 5 – Mar 9	Digestive System	Lab 7 Respiratory and Digestive Systems
10	Mar 12 – Mar 16	Urinary System Reproductive Systems	Lab 8 Urinary and Reproductive Systems
11	Mar 19 – Mar 23	Nervous System (Midterm #2 – Wed. Mar 21st)	Lab 9 Central Nervous System and Peripheral Nervous System
12	Mar 26 – Mar 29 (college closed on March 30)	Nervous System cont'd Sensory System	Lab 10 Eye and Ear, Integumentary System and Endocrine System
13	Apr 3 – Apr 6 (college closed on April 02)	Integumentary System	No lab – college closed
14	Apr 9 – Apr 13	Endocrine System and Review	LAB EXAM #2
15	Apr 16 - Apr 24	FINAL EXAM – date & time TBA	

5. Basis of Student Assessment (Weighting)

(a) Assignments and Quizzes

Pre-lab assignments (colouring book pages)	5%
Weekly quizzes (at the start of lab)	5%
Lecture assignments/quizzes	5%

(b) Lecture Exams

Midterm #1 (Wednesday, Feb. 7th)	15%
Midterm #2 (Wednesday, March 21)	15%
Final exam (April 16 - April 24, TBA)	25%

(c) Lab Exams

Lab Exam #1 (Week 7 in-lab: Mon., Feb 19th)	15%
Lab Exam #2 (Week 14 in-lab: Mon., Apr 14th)	15%

6. Grading System

(If any changes are made to this part, then the Approved Course description must also be changed and sent through the approval process.)

(Mark with "X" in box below to show appropriate approved grading system – see last page of this template.)

Standard Grading System (GPA)

Competency Based Grading System

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

Note: This course is very information dense and will require a significant amount of study time; success in Biology 143 will depend on your ability to stay on top of the material weekly -
Out of class study: 6 hrs./week minimum

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.

Note: Other course policies will be discussed in the first week of classes, and posted on D2L in a separate document. These policies will cover topics including lab safety and attendance, late submission of assignments, and missed exams.

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.