

COURSE SYLLABUS



COURSE TITLE: MASS 121 Anatomy and Physiology 1

CLASS SECTION: X01

TERM: Fall 2022

COURSE CREDITS: 3

DELIVERY METHOD(S):

Lecture

For COVID-19 information please visit <https://legacy.camosun.ca/covid19/index.html>.

Camosun College campuses are located on the traditional territories of the Łək'wəḡən and ƵᑦᑳÁNEĆ peoples. We acknowledge their welcome and graciousness to the students who seek knowledge here. Learn more about Camosun's [Territorial Acknowledgement](#).

Camosun College requires mandatory attendance for the first class meeting of each course. If you do not attend, and do not provide your instructor with a reasonable explanation in advance, you will be removed from the course and the space offered to the next waitlisted student.

INSTRUCTOR DETAILS

NAME: Jamie Johnson

EMAIL: johnsonja@camosun.bc.ca

OFFICE: PISE 212A

HOURS: By appointment (250) 370-4725

As your course instructor, I endeavor to provide an inclusive learning environment. However, if you experience barriers to learning on this course, do not hesitate to discuss them with me. Camosun College is committed to identifying and removing institutional and social barriers that prevent access and impede success.

CALENDAR DESCRIPTION

Restricted to students in Massage Therapy
Students will study cellular biology and histology and be introduced to the fundamental principles of systemic anatomy and physiology as they relate to homeostasis, with a focus on the integumentary system. Students will gain foundational knowledge of how structure and function relate to the pathology of commonly occurring conditions and impairments relevant to massage therapy.

PREREQUISITE(S):

CO-REQUISITE(S):

EXCLUSION(S):

COURSE LEARNING OUTCOMES / OBJECTIVES

At the completion of this course, students will be able to:

- Define and describe levels of structural organization and anatomical terminology of the human body.
- Demonstrate knowledge of fluid, electrolyte, and acid-base homeostasis as it relates to clinical conditions of fluid balance.
- Define and describe the types and histological features of the major body tissue types, including epithelial, connective, nervous, and muscle tissue.
- Demonstrate knowledge of principles of cellular anatomy and physiology as it relates to the body tissues.

REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

Principles of Anatomy & Physiology, Tortora & Derrickson, 15e, 2017.

COURSE SCHEDULE, TOPICS, AND ASSOCIATED PREPARATION / ACTIVITY / EVALUATION

The following schedule and course components are subject to change with reasonable advance notice, as deemed appropriate by the instructor.

Lectures:

Mondays 3:00pm-4:20pm Technologies 175

Fridays 12:30-1:50pm Portable A 102

WEEK or DATE RANGE	ACTIVITY or TOPIC
WK 1 L1 Sept 5	No Class Labour Day
W1 L2 Sept 9	Introduction / Expectations An Introduction to Anatomy and Physiology Chapter 1
WK 2 L3 Sept 12	Systems to Anatomical Positions Chapter 1
WK 2 L4 Sept 16	Systems to Anatomical Positions Chapter 1
WK 3 L5 Sept 19	Quiz 1 – Introduction and Anatomical Positions Chemical Bonds and Reactions Chapter 2
W3 L6 Sept 23	Chemical Bonds and Reactions Chapter 2
WK 4 L7 Sept 26	Inorganic & Organic Compounds Chapter 2

WK 4 L8 Sept 30	No Class National Day for Truth Reconciliation
WK 5 L9 Oct 3	Inorganic & Organic Compounds Chapter 2
WK 5 L10 Oct 7	Quiz 2 – Chemical Bonds and Reactions & Inorganic/Organic Compounds Cell Anatomy Chapter 3
WK 6 L11 Oct 10	No Class Thanksgiving Day
WK 6 L12 Oct 14	Cell Anatomy Chapter 3
WK 7 L13 Oct 17	Cell Division Chapter 3
WK 7 L14 Oct 21	Cell Division Chapter 3
WK 8	Midterm Week No classes
WK 9 L15 Oct 31	Quiz 3 – Cell Anatomy and Cell Division Tissues & Epithelium Chapter 4
WK 9 L16 Nov 4	Tissues & Epithelium Chapter 4 Midterm Reflection Due
WK 10 L17 Nov 7	Connective Tissue, Muscle, and Nervous Tissue Chapter 4
WK 10 L18 Nov 11	No Class Remembrance Day
WK 11 L19 Nov 14	Connective Tissue, Muscle, and Nervous Tissue Chapter 4
WK 11 L20 Nov 18	Quiz 4 – Tissues/Epithelium & Connective Tissue, Muscle and Nervous Tissue Membranes, Muscles, and Nervous Tissue Chapter 4
WK 12 L21 Nov 21	Membranes, Muscles, and Nervous Tissue Chapter 4
WK 12 L22 Nov 25	Integumentary Chapter 5
WK 13 L23 Nov 28	Integumentary Chapter 5

WK 13 L24 Dec 2	Integumentary Chapter 5
WK 14 L25 Dec 5	Integumentary Chapter 5
WK 14 L26 Dec 9	Quiz 5 – Membranes, Muscle, and Nervous Tissue & Integumentary Summary Class Assignment 1 Due – Exam question creation

Students registered with the Centre for Accessible Learning (CAL) who complete quizzes, tests, and exams with academic accommodations have booking procedures and deadlines with CAL where advanced notice is required. Deadlines can be reviewed on the [CAL exams page](http://camosun.ca/services/accessible-learning/exams.html). <http://camosun.ca/services/accessible-learning/exams.html>

EVALUATION OF LEARNING

DESCRIPTION	WEIGHTING
Midterm written Week 8	25%
Final written Written during finals week	25%
Quizzes 5 x 6% each = 30% Schedule above	30%
Midterm practical Week 8	10%
Midterm & Final Reflections 2 x 2.5% - Pass/Fail Midterm – Nov 4 Final – TBD	5%
Assignment 1 – Exam question creation 5% - Pass/Fail Due Dec 9	5%
TOTAL	100%

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)

**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

COURSE GUIDELINES & EXPECTATIONS

Students will maintain optimum levels of safe behavior (personal hygiene, decontamination of personal protective equipment, use of proper body mechanics, etc.) with minimizing potential for disease transmission.

Due Dates: There will be a zero-tolerance policy in effect for missing due dates. All due dates are clearly listed in the schedule above. Students who might miss a deadline for legitimate reasons are to contact the instructor immediately in advance of the due date.

Any assignments/quizzes that are submitted past the due date are subject to a 10% deduction per day to a maximum of 3 days or 30%. After 3 days any submissions will receive a grade of zero.

STUDENT RESPONSIBILITY

Enrolment at Camosun assumes that the student will become a responsible member of the College community. As such, each student will display a positive work ethic, assist in the preservation of College property, and assume responsibility for their education by researching academic requirements and policies; demonstrating courtesy and respect toward others; and respecting expectations concerning attendance, assignments, deadlines, and appointments.

SUPPORTS AND SERVICES FOR STUDENTS

Camosun College offers a number of services to help you succeed in and out of the classroom. For a detailed overview of the supports and services visit <http://camosun.ca/students/>.

Support Service

Website

Academic Advising

<http://camosun.ca/advising>

Accessible Learning	http://camosun.ca/accessible-learning
Counselling	http://camosun.ca/counselling
Career Services	http://camosun.ca/coop
Financial Aid and Awards	http://camosun.ca/financialaid
Help Centres (Math/English/Science)	http://camosun.ca/help-centres
Indigenous Student Support	http://camosun.ca/indigenous
International Student Support	http://camosun.ca/international/
Learning Skills	http://camosun.ca/learningskills
Library	http://camosun.ca/services/library/
Office of Student Support	http://camosun.ca/oss
Ombudsperson	http://camosun.ca/ombuds
Registration	http://camosun.ca/registration
Technology Support	http://camosun.ca/its
Writing Centre	http://camosun.ca/writing-centre

If you have a mental health concern, please contact Counselling to arrange an appointment as soon as possible. Counselling sessions are available at both campuses during business hours. If you need urgent support after-hours, please contact the Vancouver Island Crisis Line at 1-888-494-3888 or call 911.

COLLEGE-WIDE POLICIES, PROCEDURES, REQUIREMENTS, AND STANDARDS

Academic Accommodations for Students with Disabilities

The College is committed to providing appropriate and reasonable academic accommodations to students with disabilities (i.e. physical, depression, learning, etc). If you have a disability, the [Centre for Accessible Learning](#) (CAL) can help you document your needs, and where disability-related barriers to access in your courses exist, create an accommodation plan. By making a plan through CAL, you can ensure you have the appropriate academic accommodations you need without disclosing your diagnosis or condition to course instructors. Please visit the CAL website for contacts and to learn how to get started:

<http://camosun.ca/services/accessible-learning/>

Academic Integrity

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.13.pdf> for policy regarding academic expectations and details for addressing and resolving matters of academic misconduct.

Academic Progress

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.1.pdf> for further details on how Camosun College monitors students' academic progress and what steps can

be taken if a student is at risk of not meeting the College's academic progress standards.

Course Withdrawals Policy

Please visit <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.2.pdf> for further details about course withdrawals. For deadline for fees, course drop dates, and tuition refund, please visit <http://camosun.ca/learn/fees/#deadlines>.

Grading Policy

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf> for further details about grading.

Grade Review and Appeals

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf> for policy relating to requests for review and appeal of grades.

Mandatory Attendance for First Class Meeting of Each Course

Camosun College requires mandatory attendance for the first class meeting of each course. If you do not attend, and do not provide your instructor with a reasonable reason in advance, you will be removed from the course and the space offered to the next waitlisted student. For more information, please see the "Attendance" section under "Registration Policies and Procedures" (<http://camosun.ca/learn/calendar/current/procedures.html>) and the Grading Policy at <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf>.

Medical / Compassionate Withdrawals

Students who are incapacitated and unable to complete or succeed in their studies by virtue of serious and demonstrated exceptional circumstances may be eligible for a medical/compassionate withdrawal. Please visit <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.8.pdf> to learn more about the process involved in a medical/compassionate withdrawal.

Sexual Violence and Misconduct

Camosun is committed to creating a campus culture of safety, respect, and consent. Camosun's Office of Student Support is responsible for offering support to students impacted by sexual violence. Regardless of when or where the sexual violence or misconduct occurred, students can access support at Camosun. The Office of Student Support will make sure students have a safe and private place to talk and will help them understand what supports are available and their options for next steps. The Office of Student Support respects a student's right to choose what is right for them. For more information see Camosun's Sexualized Violence and Misconduct Policy: <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.9.pdf> and camosun.ca/sexual-violence. To contact the Office of Student Support: oss@camosun.ca or by phone: 250-370-3046 or 250-3703841

Student Misconduct (Non-Academic)

Camosun College is committed to building the academic competency of all students, seeks to empower students to become agents of their own learning, and promotes academic belonging for everyone. Camosun also expects that all students to conduct themselves in a manner that contributes to a positive, supportive, and safe learning environment. Please review Camosun College's Student Misconduct Policy at <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.5.pdf> to understand the College's expectations of academic integrity and student behavioural conduct.

Changes to this Syllabus: Every effort has been made to ensure that information in this syllabus is accurate at the time of publication. The College reserves the right to change courses if it becomes necessary so that course content remains relevant. In such cases, the instructor will give the students clear and timely notice of the changes.