

COURSE SYLLABUS



COURSE TITLE: MASS 121 Anatomy and Physiology 1

CLASS SECTION: X01

TERM: Fall 2024

COURSE CREDITS: 3

DELIVERY METHOD(S):

Lecture: Mondays and Thursdays, 10:00 am – 11:20 am, PA 102

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

Camosun College campuses are located on the traditional territories of the Lək̓ʷəŋən and WSÁNEĆ 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: Noreen Ortila MRSc, CAT(C), ATC, RMT

EMAIL: ortillan@camosun.bc.ca

OFFICE: PISE 306L

HOURS: Mondays 11:30 - 12:30 pm by appointment only

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, 16e, 2021.

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.

Topic	ACTIVITY or TOPIC
1	Introduction / Expectations An Introduction to Anatomy and Physiology Chapter 1
2	Structural Organization & Body Systems Chapter 1
3	Homeostasis & Anatomical Terminology Medical Imaging Chapter 1
4	Chemical Level of Organization Chapter 2
5	Organic & Inorganic Compounds Chapter 2
6	Cellular Level of Organization Chapter 3
7	Cell Division Chapter 3
8	Midterm week - TBD
9	Epithelial & Connective Tissues Chapter 4
10	Epithelial & Connective Tissues Chapter 4

Topic	ACTIVITY or TOPIC
11	Muscle & Nervous Tissue Chapter 4
12	Integumentary Chapter 5
13	Integumentary Chapter 5
14	Integumentary Chapter 5

ASSESSMENT OF LEARNING AND TEACHING ACTIVITIES

Learning outcome	Reflections	Written exam/quizzes	Teaching and learning activities
<i>Define and describe levels of structural organization and anatomical terminology of the human body.</i>	X	X	Class activities Videos Lecture Assignment – in class
<i>Demonstrate knowledge of fluid, electrolyte, and acid-base homeostasis as it relates to clinical conditions of fluid balance.</i>	X	X	Lecture Videos Textbook readings
<i>Define and describe the types and histological features of the major body tissue types, including epithelial, connective, nervous, and muscle tissue.</i>	X	X	Practice on peers Peer feedback activity/reflection Demonstration Videos Textbook readings
<i>Demonstrate knowledge of principles of cellular anatomy and physiology as it relates to the body tissues.</i>	X	X	Lecture Students working in pairs Textbook readings Videos In class activities

EVALUATION OF LEARNING

DESCRIPTION	WEIGHTING
Midterm written	30%
Final written	35%

DESCRIPTION	WEIGHTING
Quizzes (6)	30%
Reflections (2)	5%
TOTAL	100%

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>

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.

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/

Support Service	Website
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.