

# COURSE SYLLABUS



COURSE TITLE:	MASS 123 – Anatomy and Physiology 3
CLASS SECTION:	X01
TERM:	Summer 2023
COURSE CREDITS:	3 credits
DELIVERY METHOD(S):	Lecture

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

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

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*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

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NAME:	Jamie Johnson <i>MSc. Rehab Science, CAT(C)</i>
EMAIL:	<a href="mailto:johnsonja@camosun.bc.ca">johnsonja@camosun.bc.ca</a>
OFFICE:	PISE 212A
HOURS:	By appointment on Thursdays @ 12pm

*As your course instructor, I endeavour to provide an inclusive learning environment. However, if you experience barriers to learning in 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

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Students will study the organ level of human body organization, with a focus on the basics of human body anatomy and physiology. The muscular, digestive, and urinary systems, metabolism, and fluid, electrolyte, and acid-base homeostasis will be explored through theoretical knowledge and applied application in a laboratory setting. Open to Massage Therapy students only.

REQUISITE(S):	One of: C in MASS 121 and MASS 122 C in BIOL 143 and BIOL 144 C in BIOL 150 and BIOL 151 C in BIOL 152 and BIOL 153 - Must be completed prior to taking this course.
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## COURSE LEARNING OUTCOMES / OBJECTIVES

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- Describe, using anatomical terminology, the human body at the organ system level
- Identify gross and microscopic anatomical structures of the human organ systems

- Define and describe the anatomy and physiology of the muscular, gastrointestinal, and urinary systems
- Define and describe the anatomical mechanisms which regulate body fluids and acid-base balance
- Explain the interactions between physiological systems of the body as they pertain to exercise
- Integrate knowledge of structure, location, principal components, and functions of the digestive and urinary systems and its relationship to treatment in massage therapy

#### REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

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Required:

Principles of Anatomy and Physiology, 15<sup>th</sup> edition by Tortora and Derrickson (2017)

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

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Lectures:

Tuesdays and Fridays

2:00pm-3:20pm CHW 347

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

Week	Lectures
1	Course Outline
	Cells, Membranes, and Transport
2	Cells, Membranes, and Transport
	Muscular Physiology
3	Muscular Physiology
	Muscular Physiology
4	Muscular Physiology
	Gastrointestinal Anatomy & Physiology
5	Gastrointestinal Anatomy & Physiology
	Gastrointestinal Anatomy & Physiology
6	Gastrointestinal Anatomy & Physiology
	Gastrointestinal Anatomy & Physiology
7	Gastrointestinal Anatomy & Physiology
	<b>Assignment 1 – Muscular/Gastrointestinal Physiology Group Presentation</b> <i>only for those assigned to muscular &amp; gastrointestinal physiology</i> Midterm Prep
8	<b>No Class – Midterm week</b>
	<b>No Class – Midterm week</b>
9	Metabolism
	Metabolism
10	Metabolism
	Metabolism
11	Metabolism
	Urinary System Anatomy and Physiology
12	Urinary System Anatomy and Physiology

	Urinary System Anatomy and Physiology
13	Urinary System Anatomy and Physiology
	Fluid, Electrolyte, and Acid-Base Balance
14	Fluid, Electrolyte, and Acid-Base Balance
	<b>Assignment 1 – Metabolism/Urinary Physiology Group Presentation</b> <i>only for those assigned to metabolism &amp; urinary physiology</i>
	Course wrap up – Final Prep

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
In class worksheets 6 x 5% Completed in class throughout the course schedule approx. every 2 weeks	30%
Assignment 1 Muscular, Gastrointestinal, Metabolism, or Urinary System Presentation Outline and Rubric on D2L	10%
Written Midterm Week 8	30%
Written Final Final Exam Period	30%
	<b>TOTAL</b>
	100%

If you have a concern about a grade you have received for an evaluation, please come and see me as soon as possible. Refer to the [Grade Review and Appeals](http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf) policy for more information.

<http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf>

## COURSE GUIDELINES & EXPECTATIONS

<ul style="list-style-type: none"> <li>Students will maintain optimum levels of safe behavior (personal hygiene, use of proper body mechanics, personal protective equipment) to minimize potential for disease transmission</li> </ul>
<ul style="list-style-type: none"> <li>The written exams will include evaluation of comprehension and application of the readings from the assigned textbook and from material covered in class and lab.</li> </ul>
<ul style="list-style-type: none"> <li>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.</li> </ul>

### Additional Information

**Missed gradable related submissions:** Students who miss written exam/quiz may be allowed to write a deferred or “make up” exam. These “make up” exams will be different from the original.

Excused absences may include:

- Permission by course instructor prior to absence
- Compassionate reasons

➤ Sickness

A student who does not speak to the instructor regarding a possible excused absent PRIOR to the start of the assessment will receive a zero. In this instance, a “make up” exam request will be denied.

## SCHOOL OR DEPARTMENTAL INFORMATION

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### 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

### 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

## STUDENT RESPONSIBILITY

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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

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

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.

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## 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](http://camosun.ca/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](http://camosun.ca/sexual-violence). To contact the Office of Student Support: [oss@camosun.ca](mailto: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.