

COURSE SYLLABUS



COURSE TITLE: MASS 117 – Orthopedic Pathology

CLASS SECTION: All

TERM: Summer 2022

COURSE CREDITS: 3

DELIVERY METHOD(S): Synchronous (Lectures: In-person, Exams: Online)

Camosun College campuses are located on the traditional territories of the Ləkʷəŋən and W̱SÁNEĆ peoples. We acknowledge their welcome and graciousness to the students who seek knowledge here.

Learn more about Camosun's [Territorial Acknowledgement](#).

The COVID-19 pandemic has presented many challenges, and Camosun College is committed to helping you safely complete your education. Following guidelines from the Provincial Health Officer, WorkSafe BC, and the B.C. Government to ensure the health and wellbeing of students and employees, Camosun College is providing you with every possible protection to keep you safe. Our measures include COVID Training for students and employees, health checks, infection control protocols including sanitization of spaces, PPE and ensuring physical distancing. For details on these precautions please follow this link: <http://camosun.ca/covid19/faq/covid-faqs-students.html>. However, if you're at all uncomfortable being on campus, please share your concerns with your Instructor. If needed, alternatives will be discussed.

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: Melissa Joy Roumanis

EMAIL: RoumanisM@camosun.bc.ca

OFFICE: 212F

HOURS: Tuesday, 10:30 am-11:30 am (by request)

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

Students will study the pathology of structural and degenerative musculoskeletal disorders of the upper extremity, lower extremity, and the spine. Students will explore the body's response to wound healing and common clinical signs and symptoms with an emphasis on the causes of orthopedic conditions.

PREREQUISITE(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](#)

CO-REQUISITE(S): Nil

EXCLUSION(S): Open to Massage Therapy students only.

COURSE LEARNING OUTCOMES / OBJECTIVES

Upon successful completion of this course students will be able to:

- Describe the etiology, pathophysiology, and clinical manifestations of commonly occurring orthopedic conditions and impairments that are relevant to the practice of massage therapy, including conditions of the bone and periosteum, muscles, tendons, fascia, skin and connective tissue, synovial joints, cartilage, ligaments, and bursa.
- Identify clinical manifestations of common orthopedic conditions and their relationships to the body's healing process.
- Explain the different body system responses to injury/disease across ages and various populations.
- Identify indications for assessing patients/clients presenting with orthopedic conditions or impairments and demonstrate knowledge of safety considerations and adaptations of assessments in massage therapy.

REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

Required:

- Damjanov "Pathology for Health Professionals" 5th Ed.

Recommended:

- Goodman & Fuller, "Pathology: Implications for the Physical Therapist" 4th Ed.
- Brukner & Khan "Clinical Sports Medicine" 5th Ed.

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.

Time and Dates: Tuesdays 2:30 pm-3:50 pm
Fridays 2:00 pm- 3:20 pm
May 2 – August 6, 2022

WK	Date	Topic
1&2	May 3: Lecture 1	Disorders of the Integumentary System
	May 6: Lecture 1	Disorders of the Integumentary System
	May 10: Lecture 2	Disorders of the Skeletal System
	May 13: Lecture 2	Disorders of the Skeletal System
3&4	May 17: Lecture 3	Disorders of the Skeletal System, connective tissue and joint
	May 20: Lecture 3	Disorders of the Skeletal System, connective tissue and joint
	May 24: Lecture 4	Skeletal Muscle Pathologies
	May 27: Lecture 4	Skeletal Muscle Pathologies
5&6	May 31: Lecture 5	Skeletal Muscle Pathologies
	June 3: Lecture 5	Skeletal Muscle Pathologies
	June 7: Lecture 6	Fascial Pathologies
	June 10: Lecture 6	Fascial Pathologies
7&8	June 14: Lecture 7	Review
	June 17: Lecture 7	Review
	June 20-24: Lecture 8	Midterm week- Written Exam on D2L*Bring computer to class
	June 20- 24: Lecture 8	Midterm week- Written Exam on D2L*Bring computer to class
9&10	June 28: Lecture 9	Spinal Orthopedic Pathologies
	July 1: Lecture 9	Spinal Orthopedic Pathologies
	July 5: Lecture 10	Spinal Orthopedic Pathologies
	July 8: Lecture 10	Spinal Orthopedic Pathologies
11&12	July 12: Lecture 11	Lower Extremity Pathologies
	July 15: Lecture 11	Lower Extremity Pathologies
	July 19: Lecture 12	Upper Extremity Pathology
	July 22: Lecture12	Upper Extremity Pathology
13&14	July 26: Lecture 13	Pediatric Pathologies
	July 29: Lecture 13	Pediatric Pathologies
	August 2: Lecture 14	Review
	August 5: Lecture 14	Review

Final Exams Scheduled in Exam Period – August 8-16, 2022

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 noticed is required. Deadlines scan 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

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- *Quizzes (10% each) x 4 = 40%
 - *Assignments (2.5% each) x 6 =15%
 - *Midterm Exam = 20%
 - *Final Exam = 25%

Quiz Due Dates	Assignment Due Dates
Quiz 1: May 8 th @ 11:59PM	Assignment 1: May 8 th @ 11:59PM
Quiz 2: June 5 th @ 11:59PM	Assignment 2: May 22 nd @ 11:59PM
Quiz 3: July 10 th @ 11:59PM	Assignment 3: June 12 th @ 11:59PM
Quiz 4: July 24 th @ 11:59PM	Assignment 4: July 10 th @ 11:59PM
	Assignment 5: July 24 th @ 11:59PM
	Assignment 6: July 31 st @ 11:59PM

COURSE GUIDELINES & EXPECTATIONS

COURSE ATTENDANCE:

Research shows a strong correlation with class attendance and academic success. Live attendance at lectures is strongly encouraged.

For any of the below, it is required that students contact the instructor.

An excused absence includes:

- a) Medical certificate.
- b) Bonafide intercollegiate trip with supporting documentation.
- c) Permission of instructor prior to absence.
- d) Compassionate reasons.

SCHOOL OR DEPARTMENTAL INFORMATION

FINAL EXAMINATIONS

Camosun College's Registrar Office may schedule final examinations at any time during the examination period. All students are expected to write the final exam at the time, date, and location set by the Office of the Registrar. Students should therefore avoid making prior travel, employment, or other commitments for this period.

If a student is unable to write an exam through no fault of his or her own for medical or other reason(s), valid documentation must be provided and it must be discussed with the instructor well in advance of the exam date. If the student is absent for an exam (written or practical) and has not made arrangements with the instructor in advance, a zero grade will be applied.

MEDICAL ABSENTEE:

A student absent on the day an assignment or exam occurs, a written medical letter from a doctor stating that the student was unable to write the exam / assignment / quiz on "DATE OF EXAM / ASSIGNMENT / QUIZ" is required within 72 hours to avoid a zero grade. GENERIC FORM LETTERS STATING THAT A STUDENT WAS "SEEN" by a doctor will not be accepted.

"Make up" assignments and / or exams will be different than the original. All other reasons are unexcused and will not be accommodated for. Students will not receive the associated marks. Students are to be present for the scheduled exam and assignment due dates.

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.