

COURSE SYLLABUS



COURSE TITLE: KIN 241 Exercise Prescription & Design

CLASS SECTION: X03

TERM: Winter 2025

COURSE CREDITS: 3.0

DELIVERY METHOD(S): Lecture and Lab

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](#).

INSTRUCTOR DETAILS

NAME: Arielle Nash, MSc.

EMAIL: nashar@camosun.ca

OFFICE: PISE 306H

HOURS: Thursdays 10:30-11:30 (or by appointment)

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 apply training principles to enhance health and fitness. Students will practice exercise prescription and design of health-related fitness programs for a variety of populations using functional exercise principles and techniques. Students will study and apply the principles of training, exercise monitoring, correct exercise and spotting technique; and program design for cardiorespiratory fitness, muscular strength and endurance, and flexibility.

PREREQUISITE(S): C in KIN 240

CO-REQUISITE(S): N/A

EXCLUSION(S): N/A

COURSE LEARNING OUTCOMES / OBJECTIVES

Upon successful completion of this course a student will be able to:

- Describe and prescribe a variety of strength, cardiovascular, and flexibility exercises for a wide range of apparently healthy individuals or those with a stable health condition.
- Identify the role of strength, cardiovascular and flexibility training to enhance health, functional, and athletic performance.
- Create and modify exercise prescriptions that meet diverse clients' needs and goals.

- Design individualized training programs based on client history and fitness assessment results to promote health, optimize function, and/or athletic performance.
- Discuss equipment, techniques, and other tools used to implement a personalized exercise training program.

REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

Required:

The CSEP-Physical Activity Training for Health (CSEP-PATH) Manual.

Other: Various assigned readings identified throughout the course (will be posted on D2L).

Recommended:

If you intend to pursue the CSEP-CPT certification then you will need to purchase the CSEP Certified Personal Trainer® Candidate Certification Guide available at CSEP.ca

Heyward, Vivian. (2014). Advanced Fitness Assessment and Exercise Prescription (7th Ed.) Human Kinetics. (6th edition is OK too).

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

LECTURE:	Wednesday	11:30am – 1:20pm, PISE 329B
LAB B:	Monday	11:30am – 11:20am, PISE 112 (Fitness Centre), PISE 223 (Movement Studio)
LAB A:	Wednesdays	09:30am – 11:20am, PISE 112 (Fitness Centre), PISE 223 (Movement Studio)

WEEK	TOPIC(S)	LAB ACTIVITY
Week 1	Course Introduction, Principles of Training	Lab Intro & Warm-Up Principles
Week 2	Essentials of Exercise Prescription; Adaptations to Resistance Training	Lab 1: Training for Strength & Hypertrophy
Week 3	Resistance Training Exercise Prescription 1	Lab 2: Training for Muscular Endurance
Week 4	Resistance Training Exercise Prescription 2	Lab 3: RT Case Studies
Week 5	Posture, GAIT & Training for the Core	Lab 4: RT Assignment Part 1 (Assessment)
Week 6	Mobility & Flexibility	Lab 5: Core Training
Week 7	Reading Break	
Week 8	Midterm Exam	No Lab
Week 9	Prescription for Cardiovascular Exercise 1	Lab 6: RT Assignment Part 2 (Program Presentation)
Week 10	Prescription for Cardiovascular Exercise 2	Lab 7: Aerobic Prescription - LSD
Week 11	Intermittent/ Interval Training	Lab 8: Aerobic Prescription – Tempo RT Assignment Due
Week 12	Training for Fat Loss	Lab 9: Aerobic Interval Prescription

WEEK	TOPIC(S)	LAB ACTIVITY
Week 13	Basic Prescription for Stable Chronic Conditions	Lab 10: Anaerobic Interval Prescription
Week 14	Final Exam Review	No Labs this week CV Assignment Due

The final exam for this course will be scheduled by the college during the final exam period April 14-25.

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
Written Midterm Exam	20%
Written Final Exam	30%
Resistance Training Program Assignment	25%
Aerobic Training Program Assignment	15%
Lab Engagement & Participation	10%
	TOTAL
	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

The Kinesiology Department requires mandatory attendance for the first week of classes for all courses. 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 for Students” [Registration Policies for Students | Camosun College](#)

Ongoing Attendance:

A large portion of the learning outcomes for this course is included in the practical lab component. Students are expected to attend all classes, labs, and exams. Students are responsible for getting their own notes from class as well as information pertaining to changes in the course outline, readings, assignments, and information pertaining to any tests or exams.

All updates on schedule, class location and exams will be clearly communicated in lecture and on D2L.

Students are expected to participate fully in all lab activities and exercises. If participation is limited due to injury or other physical limitations, this must be communicated to the instructor prior to the lab, and the student is still expected to attend the lab session.

The Participation and engagement grade noted above pertains to lab activities.

An advanced excused absence includes:

- a) a medical certificate
- b) an intercollegiate trip
- c) permission of instructor prior to absence
- d) compassionate reasons

In the result that a student must miss a lab due to any of the above reasons, engagement marks for that lab will be redistributed to the other labs of the term.

Absences from Campus due to COVID-19:

If a student is feeling unwell, they should inform their instructor that they will be unable to participate in any in-person classes. Where possible, alternative means of participating in the learning will be arranged. Students will not be academically penalized for such absences.

Missed Exams: Exams must be written on the date scheduled. If a student is unable to write an exam through no fault of their own for medical or other reasons, valid documentation must be provided and discussed with the instructor. If a student who is absent has not made arrangements with the instructor in advance, he or she will receive a zero. Final Exams may be scheduled at any time during the final exam block; therefore, students should avoid making travel plans, professional or personal commitments for the duration of the exam period.

Policy on Calculators: Calculators will be permitted during tests. Permission is restricted to non-programmable calculators only. Cell phone calculators cannot be used during tests.

Office hours: While office hours are noted on the course outline, students are free to make an appointment with their instructor at a time that is mutually convenient. Another option is to email your question. Questions sent by email must be brief (think the length of a tweet). If it is impossible to reply with a brief response (due to the nature of the question) then you will be asked to make an appointment. Your instructor will respond to emails as quickly as possible, however, please keep in mind that this reply may be delayed when the instructor is tied up with other courses or if it is outside of work hours.

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

Support Service	Website
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](http://camosun.ca/services/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.