

# COURSE SYLLABUS



COURSE TITLE: KIN 310 – Research Methods  
CLASS SECTION: 001  
TERM: 2025W  
COURSE CREDITS: 3  
DELIVERY METHOD(S): Lecture

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

---

*The Kinesiology Department requires mandatory attendance for the first class meeting of each Kinesiology (Kin) course. If you do not attend, and do not contact your instructor to provide a reasonable explanation in advance, you will be removed from the course and the space will be offered to the next waitlisted student.*

## INSTRUCTOR DETAILS

---

NAME: Kristal Anderson  
EMAIL: [andersonk@camosun.ca](mailto:andersonk@camosun.ca)  
OFFICE: PISE 212b  
HOURS: Wednesdays 1 -220 PM and Thursdays 12-130 PM, 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 study introductory quantitative, qualitative, and mixed-method research approaches to health and human performance. Students will focus on methods and design; measurement issues; statistical analysis; interpretation of literature; and analytical procedures used for research in sport, health, and exercise science.

---

PREREQUISITE(S): One of: C in Pre-Calculus 11; C in Foundations of Math 11; C in MATH 073; C in MATH 077; C+ in MATH 072 or C+ in MATH 075  
CO-REQUISITE(S): None  
EXCLUSION(S): None

## COURSE LEARNING OUTCOMES / OBJECTIVES

---

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

- Explain the nature and purpose of research as it relates to sport, health, exercise science and wellness.
- Explain the underlying assumptions with both qualitative and quantitative research and be able to discuss the characteristics of both approaches.
- Describe the methodologies of both qualitative and quantitative approaches.
- Discuss the ethical issues and requirements in doing human research.
- Explain a range of data gathering techniques.
- Apply statistical procedures to data.
- Demonstrate the ability to read a variety of research approaches and respond to the research in a critically constructive fashion.
- Demonstrate the ability to communicate research in an oral, written and visual manner.
- Formulate research hypotheses based on review of the research literature and other sources of information.
- Develop a research design, proposal and project.

## REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

---

- (a) Texts: Kowalski, McHugh, Sabiston, Ferguson. (2022). Research Methods in Kinesiology (2<sup>nd</sup> edition). Ontario, Oxford. (Available from Camosun Bookstore)
- (b) Other: Reference materials and abbreviated lecture notes will be accessible online at Desire to Learn (D2L) (<https://online.camosun.ca/>) under the KIN 310 content page.

## 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: KIN 310 001 Mondays 8:30 -9:50 AM (CHW 341) & Wednesdays 2:30-3:50 PM (PISE 329B)

Week of: W2025	Lecture 1 Topic: Mondays	Lecture 2 Topic: Wednesdays
#1 – Jan 6	Course Introduction	Introduction to Research (Ch. 1)
#2 – Jan 13	Identifying a Research Question (Ch. 2) <i>Intro to Research Proposal Assignment</i>	How to Develop a Research Question and Write an Introduction; Ethics (Ch. 3)
#3 – Jan 20	Ethics (Ch. 3 cont'd.)	Quantitative Study Design (Ch. 4)
#4 – Jan 27	Information Retrieval; Quantitative Study Design (Ch. 4 cont'd.)	Quantitative Study Design (Ch. 4 cont'd.); <b>Quiz 1 (15%)</b> (Ch. 1-4)
#5 – Feb 3	Data Analysis in Quantitative Studies (Ch. 5) <i>Virtual</i>	Data Analysis in Quantitative Studies (Ch. 5)
#6 – Feb 10	Data Analysis in Quantitative Studies (Ch. 5); Evaluating Quantitative Research (Ch. 6)	Evaluating Quantitative Research (Ch. 6 cont'd.); <i>Midterm Overview</i>
#7 – Feb 17	<i>Break Week (Feb. 17-21)</i>	<i>Break Week (Feb. 17-21)</i>
#8 – Feb 24	Review (Ch. 4, 5 and 6)	<b>Midterm Exam (25%)</b> <i>(Content from Ch. 1-6)</i>
#9 – Mar 3	Qualitative Research Designs (Ch. 7) <i>Virtual</i>	Data Analysis in Qualitative Research (Ch. 8)
#10 – Mar 10	Evaluating Qualitative Research (Ch. 9)	Mixed Methods Research (Ch. 10)
#11 – Mar 17	Research Proposal Prep.	Review for Quiz 2 (Ch. 7-10)
#12 – Mar 24	<b>Quiz 2 (15%)</b> <i>(Ch. 7-10)</i>	Research Poster Prep: Poster Presentation Tips and Practice
#13 – Mar 31	Research Proposal Presentations (22.5%)	Research Proposal Presentations (22.5%)
#14 – Apr 7	Research Proposal Presentations (22.5%)	Back up for inclement weather
#15 & 16	<b>FINAL EXAM BLOCK</b> (April 14-25) Easter weekend April 18 & 21 <sup>st</sup>	<b>FINAL EXAM BLOCK</b> (April 14-25) Easter weekend April 18 & 21 <sup>st</sup>

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 Exam (closed book, in class week 8)	25%
Quizzes, two at 15% each (in class weeks 4 and 12)	30%
Research Proposal Topic Statement/Research Problem (due in week 5)	2.5%
Research Proposal Literature Review Matrix (due in week 9)	10%
Research Proposal Worksheet (due in week 11)	10%
Research Proposal Poster Presentation (scheduled in class weeks 13 and 14)	22.5%
<b>TOTAL</b>	<b>100%</b>

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

**ATTENDANCE:** Students are expected to review lectures and participate in class discussions. While abbreviated lecture notes and other resources are easily accessible at any time through D2L, it is impossible to duplicate the discussion, activities, and interactions that take place in the classroom.

If a student is absent, *the student* is responsible for any information missed regarding lecture material, group discussions, exam format/content and dates. Students should obtain any missed information from their peers before scheduling an appointment with the Instructor during their office hours.

**LATE ASSIGNMENTS:** A 10% deduction per day will be taken for late assignments (up to a maximum of five days). If a student expects to be absent on the day an assignment is due, arrangements must be made to hand in the assignment early or to have it submitted in class (or to D2L) the day it's due. Research posters and poster presentations must be completed by the last scheduled day for presentations; a grade of ZERO will be given for all incomplete assignments after the final day of scheduled presentations.

**ACADEMIC WRITING:** Papers and / or assignments that are deemed unacceptable\* by the Instructor will be returned and receive an automatic 10% deduction on the grading. Papers and / or assignments will receive a 10% per day deduction thereafter, to a maximum of five days. \*Reasons that an Instructor may deem an item unacceptable include but are not limited to the following: grammar; spelling; content; punctuation and inappropriate referencing / citations.

ARRIVING LATE TO EXAMS: If a student arrives late to an exam after the exam has begun and no other student has left the room, then the student may be allowed to write the exam with the time remaining (note no extra time will be given). If a student arrives late to an exam and another student has already left the room, then the student may not be allowed to write the exam and a grade of zero will be granted.

MISSING EXAMS OR OTHER ASSESSMENTS: If a student is unable to complete a quiz or course assessment through no fault of their own for medical or other reasons, this must be discussed with the instructor in advance, or within 24 hours of the missed evaluation. Examples of valid reasons for missing an exam or evaluation include, but are not limited to, medical emergencies or illness; death in the immediate family (death certificate required); an intercollegiate trip (note from the Athletic Director, Head Therapist, or Coach required) and other significant personal occurrences. If a student who is absent has not made arrangements with the Instructor in advance or within 24 hours of the missed assessment, they will be unable to make up the missed evaluation.

## 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	<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>

Support Service	Website
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.

---

## 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

This section of Kin 310 (001 and 002) requires mandatory attendance for the first class meeting of the 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 for Students” ([Registration Policies for Students | Camosun College](#)) 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.