

COURSE SYLLABUS



COURSE TITLE: KIN 310 – Research Methods
CLASS SECTION: 001
TERM: 2022 Winter
COURSE CREDITS: 3
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>.

Camosun College requires mandatory attendance for the 1st 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: Laura Isherwood
EMAIL: isherwoodL@camosun.ca
PHONE: 250-858-9312
OFFICE: Rowing Canada Office (inside CSI Office, PISE 321)

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.

COURSE 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. (2018). Research Methods in Kinesiology. 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: Mondays 3:30 – 4:50 PM (PISE 329B) & Wednesdays 8:30 – 9:50 AM (PISE 329A)

Week #		Lecture 1 Topic: <i>Monday 3:30 – 4:50 PM</i>		Lecture 2 Topic: <i>Wednesdays 8:30 – 9:50 AM</i>
#1	Jan 10	Course Overview	Jan 12	Introduction to Research (Ch. 1)
#2	Jan 17	Identifying a Research Question (Ch. 2)	Jan 19	Ethics (Ch. 3)
#3	Jan 24	Information Retrieval (Guest M. Clarke) Intro to Research Proposal Assignment	Jan 26	Quantitative Study Design (Ch. 4)
#4	Jan 31	Quantitative Study Design (Ch. 4) Overview for Quiz 1	Feb 2	Quiz 1 (15%)
#5	Feb 7	Data Analysis in Quantitative Studies (Ch. 5)	Feb 9	Data Analysis in Quantitative Studies (Ch. 5)
#6	Feb 14	Evaluating Quantitative Research (Ch. 6)	Feb 16	Evaluating Quantitative Research (Ch. 6)
#7	<i>Reading Week (Feb 21 – Feb 25)</i>			
#8	Feb 28	Midterm Exam (27.5%)	Mar 2	Qualitative Research Designs (Ch. 7)
#9	Mar 7	Applied Research Guest Lecture (Sam Heron)	Mar 9	Data Analysis in Qualitative Research (Ch. 8)
#10	Mar 14	Evaluating Qualitative Research (Ch. 9)	Mar 16	Mixed Methods Research (Ch. 10)
#11	Mar 21	Mixed Methods Research (Ch. 10) Overview Quiz 2	Mar 23	Guest Presentation – Community Based Research Example
#12	Mar 28	Quiz 2 (15%)	Mar 30	Research Proposal Prep: Poster and Oral Presentation Tips and Practice
#13	Apr 4	Research Proposal Presentations (20%)	Apr 6	Research Proposal Presentations (20%)
#14	Apr 11	Research Proposal Presentations (20%)	Apr 13	Course Wrap-up
#15 / 16	-	FINAL EXAM BLOCK TBA in exam block (April 19-27)	-	FINAL EXAM BLOCK TBA in exam block (April 19-27)

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, scheduled in class, week 8	27.5%
Quizzes, two for 15% each, scheduled throughout the term (see schedule for dates)	30%
Research Proposal: Literature Review Matrix (week 9)	12.5%
Research Proposal Design Worksheet (week 11)	7.5%
Research Proposal Poster (week 13)	10%
Research Proposal Poster Oral Presentation, scheduled in class weeks 13 and 14	10%
Professional Participation (for presentations week 13 and 14)	2.5%
	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

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. All written assignments and projects must be completed by the final examination; a grade of ZERO will be given for all incomplete assignments after the final exam.

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 AND IN CLASS EVALUATIONS: 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: 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.* 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 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 (medical note required*); 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, he or she 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	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/

Support Service	Website
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.