

# COURSE SYLLABUS



COURSE TITLE: KIN 355 – Etiology and Treatment of Obesity  
CLASS SECTION: 001  
TERM: 2022W  
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>.

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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: Kristal Anderson  
EMAIL: [andersonk@camosun.ca](mailto:andersonk@camosun.ca)  
OFFICE: PISE 212b  
HOURS: Tuesdays and Thursdays, 1130-1230 PM; Fridays 2-3 PM

*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 a wide range of factors contributing to obesity and a variety of weight loss and weight management strategies in fitness, public health or related settings. Effective pre-screening, counselling and treatment strategies with emphasis on physical activity for individuals with obesity and weight related comorbidities will be a central focus. Students will gain experience working with both individual clients and groups.

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PREREQUISITE(S): C in KIN 230, C in CHEM 214 and C in KIN 241  
CO-REQUISITE(S): None  
EXCLUSION(S): None

## COURSE LEARNING OUTCOMES / OBJECTIVES

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

- Demonstrate an understanding of the prevalence, incidence, health and economic consequences of obesity and its various comorbidities.
- Identify the biological, behavioural and environmental factors that contribute to obesity in individuals of varying ages and cultural backgrounds.
- Identify populations with a higher risk for developing obesity.
- Identify the metabolic and pathological factors associated central fat distribution and describe the related health consequences.
- Apply current best practices for assessment of body composition and physical activity in individuals who have obesity.
- Apply effective communication and counselling skills focusing on appropriate behaviour change strategies for the client.
- Design effective individual and/or group exercise interventions for those with obesity and weight-related comorbidities using evidence-based recommendations.
- Critique existing weight loss and weight management programs using an evidence-based approach.

## REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

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- (a) Required readings and abbreviated lecture notes will be accessible online at Desire to Learn (D2L) (<https://online.camosun.ca/>) under the KIN 355 content page. Citations for each reading will be provided in class.

## 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: Tuesdays 12:30-2:30 PM (CHW 341) & Fridays 12-1:50 PM (TEC 174)

<b>Week of:</b>	<b>Lecture 1 Topic:</b> Tuesday, 1230 - 220 PM	<b>Lecture 2 Topic:</b> Friday, 12-150 PM
<b>#1 – Jan 10</b>	Course Introduction	Body Composition Assessment Methods
<b>#2 – Jan 17</b>	Body Composition Assessment Methods	Prevalence and Consequences of Obesity
<b>#3 – Jan 24</b>	The Human Cost of Obesity (bias and stigma) <b>Assignment 1 (8%)</b>	Etiology; Factors related to Obesity in Children
<b>#4 – Jan 31</b>	Environmental and Social Factors	Environmental Factors: The Built Environment
<b>#5 – Feb. 7</b>	Obesity Management: Let's Talk about Weight	The Clinical Assessment
<b>#6 – Feb 14</b>	The Exercise Assessment	CSEP 6As Client-Centred Approach; Review of MI
<b>#7 – Feb 21</b> <i>Break</i>	<i>Break Week →</i>	
<b>#8 – Feb 28</b>	<b>Midterm Exam (25%)</b>	Evidence-based Interventions for Weight Management
<b>#9 – Mar 7</b>	Exercise and Program Considerations for Obesity	Client-centred Exercise Choices; Skills-based Nutrition Coaching
<b>#10 – Mar 14</b>	Biology of Obesity: Fundamentals of Energy Balance	Biology of Obesity: Adipose Tissue Function and its Role in Appetite and Metabolism
<b>#11 – Mar 21</b>	Biology of Obesity: The Role of Adipose in Defining the Pathology of Obesity	Obesity and Cancer; Obesity and Ageing
<b>#12 – Mar 28</b>	Physiological Adaptations to Weight Loss; When to Consider Other Treatment Options (Rx., Surgery)	Guest Presentation (TBC)
<b>#13 – Apr 4</b>	<b>Assignment 2 Presentations (20%)</b>	<b>Assignment 2 Presentations (20%)</b>
<b>#14 – Apr 11</b>	Course Wrap- up and Exam Prep	<i>Good Friday (College Closed)</i>
<b>#15 &amp; 16</b>	<b>FINAL EXAM (32%)</b> TBA in exam block (April 19-27)	<b>FINAL EXAM (32%)</b> 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

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DESCRIPTION	WEIGHTING
Midterm, scheduled in class week 8	25%
Seminar Participation and Homework, scheduled throughout the term	15%
Assignments (Assignment 1 – 8%; Assignment 2 – 20%)	28%
Final Exam, TBA in final exam block	32%
	<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

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**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/lab 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, 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, he or she will be unable to make up the missed evaluation.

## 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.

## COLLEGE-WIDE POLICIES, PROCEDURES, REQUIREMENTS, AND STANDARDS

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### 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](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.