

COURSE SYLLABUS



COURSE TITLE: SPMA 220 – Sport Technology

CLASS SECTION: 01

TERM: Fall 2024

COURSE CREDITS: 3

DELIVERY METHOD(S): Lecture & 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: Chris Psutka

EMAIL: psutkac@camosun.ca

OFFICE: PISE 306E

HOURS: By appointment. Please email.

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 and investigate leading edge technologies as they relate to sport and their impact on performance. Students will interact with a range of equipment technologies, software, data tools and platforms. Students will also study and compare the impacts and ethics of current and emerging technologies.

PREREQUISITE(S): C in BUSN 140 or a Bachelor degree from a recognized post-secondary institution

CO-REQUISITE(S):

EQUIVALENCIES:

COURSE LEARNING OUTCOMES / OBJECTIVES

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

- Utilize leading edge sports performance technologies in a practical setting.
- Provide examples of different types of ethical sports technologies that support the enhancement of sport performance.
- Compare and contrast current sport technologies with emerging technologies
- Demonstrate an understanding of the positive and negative impacts of sport related technologies.
- Provide examples of the ethics of using technology advancements to enhance sport performance.
- Discuss the importance of fan oriented social technologies and platforms.
- Apply good working knowledge of emerging player and athlete development software for performance management.
- Discuss and provide examples of the importance of adaptive sports technologies.
- Demonstrate the use of specific computer software programs in a sport setting including program and client registration, and facility bookings.

REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

- Course materials will be provided on D2L.
- It is recommended that students bring a device capable of connecting to the internet (laptop, tablet, smartphone) for class. It will enhance your participation in the 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.

Week	Mondays 10:30 - noon PISE 329B	Lecture Topic	Wednesdays 10:30 - noon CBA 201	Lecture Topic	Notes
1	2-Sep	Labour Day - No Class	4-Sep	Course Introduction	
2	9-Sep	Introduction Sport Technology: Historical Perspective	11-Sep	Intro to AI for Research and Writing Days	Lab: Practice Using AI for Research and Writing
3	16-Sep	Legal and Ethical Issues With Sport Technology	18-Sep	Writing and Research Day #1 - Sport Technology Evolution	Lab #1 (15%): Initial Draft - Sept 18 ***In-Class***
4	23-Sep	Equipment and Apparel	25-Sep	Writing and Research Day #1 - Sport Technology Evolution	Lab #1 (15%): Analysis and Reflection - Sept 25 ***In-Class***
5	30-Sep	Truth and Reconciliation Day - No Class	2-Oct	Athlete Evaluation & Monitoring	
6	7-Oct	Wearables & Sensory Technology	9-Oct	Writing and Research Day #2: Athlete Monitoring	Lab #2 (15%): Initial Draft - Oct 9 ***In-Class***
7	14-Oct	Thanksgiving - No Class	16-Oct	Writing and Research Day #2: Athlete Monitoring	Lab #2 (15%): Analysis and Reflection - Oct 16 ***In-Class***
8	21-Oct	Sport Analytics	23-Oct	Writing and Research Day #3 - Sport Analytics	Lab #3 (15%): Initial Draft - Oct 30 ***In-Class***
9	28-Oct	Artificial Intelligence / Virtual & Augmented Reality	30-Oct	Writing and Research Day #3 - Sport Analytics	Lab #3 (15%): Analysis and Reflection - Nov 6 ***In-Class***
10	4-Nov	Fan Engagement & Stadium Technology	6-Nov	Data Analysis	
11	11-Nov	Remembrance Day - No Class	13-Nov	Data Analysis Lab	Lab #4 (15%) - Nov 20
12	18-Nov	Presentations	20-Nov	Writing and Research Day #4	Sport Technology Presentation (20%) - Nov 18 - Dec 4
13	25-Nov	Presentations	27-Nov	Presentations	Sport Technology Paper (20%) - Nov 25
14	2-Dec	Presentations	4-Dec	Presentations	

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](https://camosun.ca/services/academic-supports/accessible-learning/academic-accommodations-exams). <https://camosun.ca/services/academic-supports/accessible-learning/academic-accommodations-exams>

EVALUATION OF LEARNING

DESCRIPTION	WEIGHTING	DUE
Lab #1 - Sport Technology Evolution	15	Sept 18 & Sept 25
Lab #2: Athlete Monitoring	15	Oct 9 & Oct 16
Lab #3 - Sport Analytics	15	Oct 30 & Nov 6
Lab #4: Data Analysis	15	20-Nov
Sport Technology Presentation	20	Nov 18 – Dec 4
Sport Technology Paper	20	Nov 25
	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](https://camosun.ca/sites/default/files/2021-05/e-1.14.pdf) policy for more information.
<https://camosun.ca/sites/default/files/2021-05/e-1.14.pdf>

COURSE GUIDELINES & EXPECTATIONS

- All assessments will be submitted or completed on D2L.
 - If you have technical difficulties, email psutkac@camosun.ca as soon as possible (must be before the due date).
- Missed or late assignments, presentations, and labs will result in an automatic zero unless there are extenuating circumstances.

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 camosun.ca/services.

Support Service

Website

Academic Advising

camosun.ca/services/academic-supports/academic-advising

Support Service	Website
Accessible Learning	camosun.ca/services/academic-supports/accessible-learning
Counselling	camosun.ca/services/health-and-wellness/counselling-centre
Career Services	camosun.ca/services/co-operative-education-and-career-services
Financial Aid and Awards	camosun.ca/registration-records/financial-aid-awards
Help Centres (Math/English/Science)	camosun.ca/services/academic-supports/help-centres
Indigenous Student Support	camosun.ca/programs-courses/iecc/indigenous-student-services
International Student Support	camosun.ca/international
Learning Skills	camosun.ca/services/academic-supports/help-centres/writing-centre-learning-skills
Library	camosun.ca/services/library
Office of Student Support	camosun.ca/services/office-student-support
Ombudsperson	camosun.ca/services/ombudsperson
Registration	camosun.ca/registration-records/registration
Technology Support	camosun.ca/services/its
Writing Centre	camosun.ca/services/academic-supports/help-centres/writing-centre-learning-skills

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 Integrity

Students are expected to comply with all College policy regarding academic integrity; which is about honest and ethical behaviour in your education journey. The following guide is designed to help you understand your responsibilities: <https://camosun.libguides.com/academicintegrity/welcome>
Please visit <https://camosun.ca/sites/default/files/2021-05/e-1.13.pdf> for Camosun's Academic Integrity policy and details for addressing and resolving matters of academic misconduct.

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:

<https://camosun.ca/services/academic-supports/accessible-learning>

Academic Progress

Please visit <https://camosun.ca/sites/default/files/2023-02/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 <https://camosun.ca/sites/default/files/2021-05/e-2.2.pdf> for further details about course withdrawals. For deadline for fees, course drop dates, and tuition refund, please visit <https://camosun.ca/registration-records/tuition-fees#deadlines>.

Grading Policy

Please visit <https://camosun.ca/sites/default/files/2021-05/e-1.5.pdf> for further details about grading.

Grade Review and Appeals

Please visit <https://camosun.ca/sites/default/files/2021-05/e-1.14.pdf> for policy relating to requests for review and appeal of grades.

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 <https://camosun.ca/sites/default/files/2021-07/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: <https://camosun.ca/sites/default/files/2021-05/e-2.9.pdf> and camosun.ca/services/sexual-violence-support-and-education. To contact the Office of Student Support: oss@camosun.ca or by phone: 250-370-3046 or 250-370-3841

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 <https://camosun.ca/sites/default/files/2021-05/e-2.5.pdf> to understand the College's expectations of academic integrity and student behavioural conduct.

Looking for other policies?

The full suite of College policies and directives can be found here: <https://camosun.ca/about/camosun-college-policies-and-directives>

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.