

# COURSE SYLLABUS



COURSE TITLE: SPMA 220 – Sport Technology

CLASS SECTION: 01

TERM: Fall 2023

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](#).

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## INSTRUCTOR DETAILS

NAME: Chris Psutka

EMAIL: [psutkac@camosun.ca](mailto: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.*

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## 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:

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## 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

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- 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

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The following schedule and course components are subject to change with reasonable advance notice, as deemed appropriate by the instructor.

Week	Tuesdays 12:30pm - 2:30PM in PISE 329B	Lecture Topic	Friday 8:30am - 10:30am in CBA 202	Lecture Topic	Notes
1	5-Sep	Course Introduction	8-Sep	Introduction Sport Technology: Historical Perspective	
2	12-Sep	Legal and Ethical Issues With Sport Technology	15-Sep	Lab #1: Technology Impact	Lab #1 sign-up by 10:20am Sept 15
3	19-Sep	Equipment and Apparel	22-Sep	Lab #1: Technology Impact	Lab #1 (10%) ppt due <b>Sept 21</b>
4	26-Sep	Athlete Evaluation & Monitoring	29-Sep	Lab #2: Athlete Monitoring	Lab #2 sign-up by 10:20am Sept 29
5	3-Oct	Wearables & Sensory Technology	6-Oct	Lab #2: Athlete Monitoring	Lab #2 (10%) ppt due <b>Oct 5</b>
6	10-Oct	Artificial Intelligence / Virtual & Augmented Reality	13-Oct	Mid-Term Test (Online)	Mid-Term Test (20%) Online due <b>Oct 13</b>
7	17-Oct	Adaptive Sport Technologies & Injury Prevention	20-Oct	Sport Performance Field Visit	Field Visit
8	24-Oct	Sport Analytics	27-Oct	Lab #3: Performance Analytics	Lab #3 sign-up by 10:20am Oct 27
9	31-Oct	Data Analysis	3-Nov	Lab #3: Performance Analytics	Lab #3 (10%) ppt due <b>Nov 2</b>
10	7-Nov	Fan Experience & Sport Media	10-Nov	Lab #4: Data Analysis	Lab #4 Excel demonstration Nov 10
11	14-Nov	Sport Facility and Surface Technology	17-Nov	Lab #4: Data Analysis	Lab #4 (10%) due <b>Nov 17</b>
12	21-Nov	Presentations	24-Nov	Final Test	Final Test (20%) Online due <b>Nov 24</b>
13	28-Nov	Presentations	1-Dec	Presentations	Sport Technology Presentations (20%)
14	5-Dec	Presentations	8-Dec	Presentations	Presentations <b>Nov 21 - Dec 8</b>

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 noticed 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

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DESCRIPTION	WEIGHTING	DUE
Lab #1: Technology Impact	10%	Sept 21
Lab#2: Athlete Monitoring	10%	Oct 5
Mid-Term Test	20%	Oct 13
Lab #3: Performance Analytics	10%	Nov 2
Lab #4: Data Analysis	10%	Nov 17
Final Test	20%	Nov 24
Sport Technology Presentation	20%	Nov 21 – Dec 8
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](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

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- All assessments will be submitted or completed on D2L.
  - If you have technical difficulties, email [psutkac@camosun.ca](mailto:psutkac@camosun.ca) as soon as possible (must be before the due date).
- Missed or late labs / presentations will result an automatic zero unless there are extenuating circumstances.
- Missed tests will result in an automatic zero unless there are extenuating circumstances and supporting documentation.
  - For example, if a student is sick, they must notify the instructor before the test.

## 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 [camosun.ca/services](https://camosun.ca/services).

Support Service	Website
Academic Advising	<a href="https://camosun.ca/services/academic-supports/academic-advising">camosun.ca/services/academic-supports/academic-advising</a>
Accessible Learning	<a href="https://camosun.ca/services/academic-supports/accessible-learning">camosun.ca/services/academic-supports/accessible-learning</a>
Counselling	<a href="https://camosun.ca/services/health-and-wellness/counselling-centre">camosun.ca/services/health-and-wellness/counselling-centre</a>
Career Services	<a href="https://camosun.ca/services/co-operative-education-and-career-services">camosun.ca/services/co-operative-education-and-career-services</a>
Financial Aid and Awards	<a href="https://camosun.ca/registration-records/financial-aid-awards">camosun.ca/registration-records/financial-aid-awards</a>
Help Centres (Math/English/Science)	<a href="https://camosun.ca/services/academic-supports/help-centres">camosun.ca/services/academic-supports/help-centres</a>
Indigenous Student Support	<a href="https://camosun.ca/programs-courses/iecc/indigenous-student-services">camosun.ca/programs-courses/iecc/indigenous-student-services</a>
International Student Support	<a href="https://camosun.ca/international">camosun.ca/international</a>
Learning Skills	<a href="https://camosun.ca/services/academic-supports/help-centres/writing-centre-learning-skills">camosun.ca/services/academic-supports/help-centres/writing-centre-learning-skills</a>
Library	<a href="https://camosun.ca/services/library">camosun.ca/services/library</a>
Office of Student Support	<a href="https://camosun.ca/services/office-student-support">camosun.ca/services/office-student-support</a>
Ombudsperson	<a href="https://camosun.ca/services/ombudsperson">camosun.ca/services/ombudsperson</a>
Registration	<a href="https://camosun.ca/registration-records/registration">camosun.ca/registration-records/registration</a>
Technology Support	<a href="https://camosun.ca/services/its">camosun.ca/services/its</a>
Writing Centre	<a href="https://camosun.ca/services/academic-supports/help-centres/writing-centre-learning-skills">camosun.ca/services/academic-supports/help-centres/writing-centre-learning-skills</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 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](https://camosun.ca/services/sexual-violence-support-and-education). To contact the Office of Student Support: [oss@camosun.ca](mailto: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.