

COURSE SYLLABUS



COURSE TITLE: ICS118 Web Fundamentals
CLASS SECTION: X01A, X01B
TERM: Winter 2022
COURSE CREDITS: 3
DELIVERY METHOD(S): Face-to-face

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 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

NAME: Brandon Devnich
EMAIL: devnichb@camosun.bc.ca
OFFICE: TEC170
HOURS: Tuesdays 1:30-3:30pm, Thursdays 10:00-11:00am, Fridays 10:00-1:30pm

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 obtain a solid foundation in general computer concepts and a practical exposure to the computer. Topics include: computer terminology and environment, computer applications and usage as well as a brief introduction to programming. Some sections designated for particular programs will include examples relevant to those programs.

PREREQUISITE(S): One of C in English 12 or C in English 12 Camosun Alternative
One of: C+ In Pre-calculus 11, C in Math 12, C in Apprenticeship Math 12, C+ in Math 073, C+ in Math 077, C+ in Math 137, C in Math 097, C in Math 139

CO-REQUISITE(S): -

EXCLUSION(S): -

COURSE LEARNING OUTCOMES / OBJECTIVES

Students will learn how to create aesthetic, dynamic websites using hypertext markup language (HTML) and cascading stylesheets (CSS) that conform to web standards with a focus on human-computer interaction (HCI), cultural considerations, and accessibility concepts. Students will use standard industry tools to apply the skills learned culminating with the creation of a comprehensive e-Portfolio.

REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

- Materials on the D2L course page: presentation slides for lectures, lab assignment instructions for labs, etc.
see <https://online.camosun.ca/d2l/home/21349>

COURSE SCHEDULE, TOPICS, AND ASSOCIATED PREPARATION / ACTIVITY / EVALUATION

The content of lectures is organized around:

- Week 1: Introduction to the Internet & Web Browsers
- Week 2: Content Management Systems, ePortfolio Structure
- Week 3: Human Computer Interaction
- Week 4: Human Computer Interaction / Introduction to HTML
- Week 5: HTML Basics
- Week 6: HTML Forms
- Week 7: Reading Break
- Week 8: Introduction to CSS
- Week 9: Layouts using CSS
- Week 10: Positioning using CSS & Typography
- Week 11: Bootstrap
- Week 12: Advanced CSS
- Week 13: Advanced Topics (Sass / Web Performance)
- Week 14: Final Project

There will be a weekly quiz based on the topics covered in the previous week's lectures.

Topics of the labs will include:

- Lab 1: Connecting to College Servers
- Lab 2: ePortfolio Setup
- Lab 3: Adobe XD – Wireframing
- Lab 4: Basic HTML Web Page
- Lab 5: Basic HTML Web Site
- Lab 6: Adobe XD – Prototyping (Optional)
- Lab 7: HTML Form
- Lab 8: Responsive HTML Web Site (Part 1)

- Lab 9: Responsive HTML Web Page (Part 2)
- Lab 10: Bootstrap

The course will conclude with a final project.

Please see lecture and lab schedule at <http://my.camosun.ca> for detailed information about class hours and locations. Please consult the calendar tool in D2L frequently for any updates.

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

Week	Topics	Quiz	Labs
1	Introduction		Lab 01: Connecting to College Servers
2	Content Management Systems & ePortfolio	W1 Internet	Lab 02: ePortfolio
3	Human Computer Interaction	W2 WP	
4	HCI & Introduction to HTML	W3 HCI	Lab 03: Adobe XD 1 -- Wireframing
5	HTML Basics	W4 HTML	Lab 04 -- Basic HTML Web Page
6	HTML Forms	W5 HTML	Lab 05: Basic HTML Web Site
7	Reading Break		Lab 06: Adobe <u>XD</u> -- Prototyping (Optional)
8	Introduction to CSS	W6 Forms	Lab 07: HTML Form
9	Layout using CSS	W8 CSS Structure, Media Queries	Lab 08: Responsive HTML Web Page
10	Positioning using CSS & CSS Specificity	W9 CSS Layout	Lab 09: Responsive HTML Web Page 2
11	Bootstrap	W10 CSS Typography	Lab 10: Bootstrap
12	Final Project & Advanced CSS Topics	W11 Bootstrap	Final Project
13	Final Project & Advanced Topics (Sass & Web Performance)		
14	Final Project		

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
Lab assignments	45%
Quizzes	20%
Final project	35%
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 policy for more information. http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf	100%

COURSE GUIDELINES & EXPECTATIONS

Late assignments and/or labs will not be accepted, except by the instructor's prior written permission or in the presence of a dire and documented short-term medical or family emergency. Student must complete all labs.

Students must achieve

- a minimum average of 55% on labs assignments,
- a minimum average 55% on the final project

to pass the course.

All quizzes are closed book.

SCHOOL OR DEPARTMENTAL INFORMATION

Supplemental department policies:

Grade review: You have 7 days after marks are posted to review with your instructor.

Academic Integrity Violations:

- 1st violation: minus the weight of the deliverable and a note on your departmental file.
- 2nd violation: F in the course
- 3rd violation: Student Conduct Policy E-2.5 is applied

Missed Examinations/Quizzes: If a student misses a quiz, project or an exam, a mark of zero will be assigned unless there are extenuating circumstances. You must provide a note from a medical practitioner (Doctor, Nurse, Psychologist, Counsellor, etc.) In such cases, the proportion of grade assigned to the missed quiz or exam will be added to the proportion assigned to the final exam. The final exam will be held during exam week. NO consideration will be given to any student wishing to write the exam at any other time than that assigned.

Electronic Devices: The school’s policy regarding electronic devices is that any student who has a cell phone or other unauthorized electronic device (ie. ipad, laptop, playbook, etc.) on their person or around their desk during an exam will be guilty of cheating and will a grade of “F” for the course.

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/
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.