

# COURSE SYLLABUS



COURSE TITLE: COMP 271- Applied UX/UI

CLASS SECTION: X01

TERM: Winter 2022

COURSE CREDITS: 3

DELIVERY METHOD(S): F2F

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](#).

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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

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NAME: Melissa Mills

EMAIL: [millsm@camosun.bc.ca](mailto:millsm@camosun.bc.ca)

OFFICE: Online by Appointment

HOURS: F 3:30 – 4:20pm

*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 learn how to implement UX tools and methodologies to design great user experiences through real world challenges. Through hands on activities and group collaboration, students will design and model user interfaces for websites, mobile applications, and information systems based on a variety of application requirements.

### PREREQUISITE(S):

One of:

- C in ENGL 170
- C in ENGR 255

### CO-REQUISITE(S):

And one of:

- C in COMP 144
- C in ICS 118

## COURSE LEARNING OUTCOMES / OBJECTIVES

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

1. Explain the relationship between user centered design (UCD), user experience (UX) and user interface (UI).
2. Develop effective prototypes and wireframes using an iterative methodology.
3. Identify digital artifacts that support current design preferences in web and mobile computing.
4. Design and implement usability tests for software or web applications.
5. Identify anti-patterns in UI design for software applications.
6. Identify and apply various usability heuristics for web applications.
7. Design effective user flows that support intuitive navigation.

## REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

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### (a) Texts

<https://books.google.ca/books?hl=en&lr=&id=n0h9CAAAQBAJ&oi=fnd&pg=PR10&dq=Interaction+design:+Beyond+human-computer+interaction&ots=25wQy4ezhS&sig=OCYYP0ojQznnaaWXavggXfzifs#v=onepage&q=Interaction%20design%3A%20Beyond%20human-computer%20interaction&f=fa>

### (b) Recommended Texts

Marsh, S. (2018). *User research: A practical guide to designing better products and services*. London, UK: Ashford Colour Press Ltd.

Norman, D. (2013). *The design of everyday things*. New York, NY: Basic Books.

Travis, D., & Hodgson, P. (2019). *Think like a UX researcher: How to observe users, influence design, and shape business strategy*. Boca Raton, FL: CRC Press.

### (c) Other

1 GB Memory Stick

1 TB Portable Harddrive

Notebook: Lined, Grid or Dotted Sketchbook (8.5 x 11" size) – Tablet will suffice in lieu of notebook

Pen, Pencil and eraser

Sticky notes

## 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.

**Lecture:** Wednesday 12:30 – 3:20pm – Portable A, 102

**Lab:** Friday 12:30 – 3:20pm – TEC 186

WEEK	ACTIVITY or TOPIC	ASSIGNMENTS
Week 1	<b>Lec:</b> Course Intro + Expectations, Pre-Reading <b>Lab:</b> Software overview, continued best practices review from IMD Yr 1.	Pre-reading article
Week 2	<b>Lec:</b> What is User-Centred Design? Article Discussion. UX Components <b>Lab:</b> Illustrator Review, Iconography Design	Observation Task
Week 3	<b>Lec:</b> UX Components. Activity 1 Observation Discussion <b>Lab:</b> Journey Map <b>Project 1</b>	<b>Project 1</b>
Week 4	<b>Lec:</b> UI – Information Architecture, 7 stages <b>Lab:</b> InDesign Intro, Prototyping Lo/Mid/Hi	Activity 1 – InDesign Prototype
Week 5	<b>Lec:</b> UX Research (Bridge of Execution/Evaluation Cycles). <b>Lab:</b> Journey Map Crit / Research exercise – Bridge of Execution/Evaluation Heuristic Evaluation <b>Project 2 Prep</b>	Project 1 <b>Due.</b>
Week 6	<b>Lec:</b> Quiz – Information Architecture. Intro to: Usability Heuristics <b>Lab:</b> Activity2 Design Sprint Webpage (pairs) – in-class work, Heuristic Case Study <b>Project 2</b>	Quiz 1 Activity 2 – Design Sprint <b>Project 2</b>
Week 7	Reading Break	
Week 8	<b>Lec:</b> Usability Heuristics <b>Lab:</b> Design Sprint Wrap-Up (pairs) – in-class work	
Week 9	<b>Lec:</b> Testing Heuristics Methods <b>Lab:</b> Activity 3 Heuristics Activity in-class	Activity 3 Project 2 <b>Due</b>
Week 10	<b>Lec:</b> Quiz – Usability Heuristics. <b>Lab:</b> Activity 4 Questionnaire – Google, Survey Monkey	Quiz 2 Activity 4
Week 11	<b>Lec:</b> Data Evaluation, Critical Thinking, Final Project Launch – <b>Project 3</b> <b>Lab:</b> Final Project Studio work	<b>Project 3</b>
Week 12	<b>Lec:</b> UX in Practice <b>Lab:</b> Final Project Studio work	
Week 13	<b>Lec:</b> Course Wrap-Up <b>Lab:</b> Final Project Heuristic Evaluation Feedback Studio work	
Week 14	<b>Lec:</b> Final Presentations <b>Lab:</b> Good Friday / No class	Project 3 <b>Due</b> Present + Submit

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
Project 1 – Journey Map	15%
Lab Activities x 4 (5% each)	20%
Project 2 – Case Study	15%
Quizzes x 2 (5% each)	10%
Project 3 – Final Project	30%
Attendance and Participation	10%
	<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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The ability to meet deadlines is emphasized as an important outcome of this course and is essential in the printing industry. Assignment due dates are posted on assignment design briefs and close 11:59pm on the due date.

Late assignments/labs are subject to a 5% penalty per day late, up to one week. Assignments submitted after one week 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.

Must complete all assignments.

Must achieve a minimum average of 55% on the labs.

Must complete all quizzes.

Must achieve a minimum average of 55% on quizzes.

Must achieve a minimum average of 55% on projects.

## SCHOOL OR DEPARTMENTAL INFORMATION

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

### Academic Integrity Violations:

1<sup>st</sup> violation: minus the weight of the deliverable and a note on your departmental file.

2<sup>nd</sup> violation: F in the course

3<sup>rd</sup> 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, Councilor, 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

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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/>.

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.