Syllabus CPSC 5220 - UX Design

The policies and schedule contained in this document are subject to change.

Course Description:
Introduction to the user-centered design. Methods, concepts, and techniques for lifecycle approaches to user experience design and evaluation including usability and usefulness. Topics include storytelling, sketching, communication of design ideas, prototyping, and evaluation and testing from a user-centered perspective.

Instructor Information:

- Instructor: Prerna Juneja
- *Office:* SINE 220-03
- *Email:* *pjuneja@seattleu.edu*
  - For all email communications, please put "CPSC 5220" in the subject line
- *Office Hours:* 1:00 pm-3:00 pm on Monday, and or a virtual appointment by request
  - Here are my Zoom room details for virtual appointments:
    Meeting ID: 560 994 5054
    Meeting URL: https://seattleu.zoom.us/j/5609945054

Teaching Assistants: Sheetal Battula (sbattula@seattleu.edu) and Priya Bhardwaj (pbhardwaj@seattleu.edu)

TA office hours TBA soon on Canvas.

Course Information:

- *Credits:* 5
- *Class Times:* M/W 3:40 PM - 5:45 PM
- *Class Location*: Sinegal CSI, 110

Important Dates:

Wednesday, March 25: First day of class
Monday, April 1: Holiday
Wednesday, May 13 and May 15: No class (instructor attending a research conference)
Wednesday, June 3: Last day of class

Course Objectives:

At the end of this course, the student should be able to:
- Understand the effects of computing technologies on individuals, organizations, and society.

- Understand personal responsibilities as a computing professional and their ethical underpinnings.
- Analyze the strengths and weaknesses of communication generated by others.
- Effectively communicate with others in writing

Textbook: The professor will provide the reading material.

Grading:
- Homework assignments (15%)
- Participation, class activities, and quizzes (20%)
- Research paper reflections (24%)
- Class presentation (6%)
- Team project (35%)

Course Topic Outline (tentative)

Topics
(Not necessarily covered in order)
- Storytelling
- User Experience Design
- Cognitive and Usability Engineering
- Sketching
- Prototyping
- Usability Testing and Analysis
- Technology Evolution
- Information and Data Visualization
- Aesthetics
- Business Goals to User Experience Design Requirements
- Interfaces for Different User Groups
  - Accessibility
  - Different-aged population groups (children, elderly, etc.)

Grading:

The following grade scale will be used:

100	93	90	87	83	80	77	73	70	67	63	60	0
A	A–	B+	B	B–	C+	C	C–	D+	D	D–	F	

STUDENT EXPECTATIONS

Class Announcement and Email Expectations

Students are expected to keep up-to-date on class announcements made outside of class on a daily basis. All class announcements will be made in class and/or via Canvas. By default, Canvas will instantly send these announcements to your SU email address. If desired, you may change the settings on Canvas to send these announcements to an alternative email address.

It is also important to check your SU email account on a daily basis as private emails initiated by the instructor could be sent to the student's SU email address. Also, important university announcements (such as the school closing due to inclement weather) are made in this fashion.

Participation

Students are strongly encouraged to participate during the class sessions. Your involvement in the class discussion and participation during in-class activities will have a large impact on your learning in this course.

Community and Inclusion:

Seattle University has a stated commitment to diversity and inclusivity. In part, this includes an expectation that all members of our campus community treat one another with respect and care in the classroom. Actions or statements that espouse the supremacy of one group of people over another, or which marginalize any group, are not welcome in our classroom. Such attitudes are destructive to both our learning process and our community. All students in this course are welcomed and valued.

Racism, sexism, homophobia, transphobia, and other forms of discrimination have no place on our campus or in our classroom. Our class, like our campus, is one community. We teach all students, regardless of background or beliefs. All students are equally welcome and valued. A growth mindset includes our ability to grow together, to learn to be more tolerant and to become more compassionate.

If you find that anything in our class is failing to live up to these principles (including me), I encourage you to bring this issue up using any of the following methods:

● Reporting the issue through the Office of Institutional Equity (https://www.seattleu.edu/equity/reporting/)
● Contacting me
● Contacting the department chair
● Contacting any faculty / staff member you feel comfortable talking to; possibly your academic advisor.

Academic Resources:

If you need additional help with the course material, the following resources are available to assist that include the following:
● Communicating with the instructor via email or during office hours.
● Course TA

- Learning Commons (http://www.seattleu.edu/learningcommons/) on the 2nd Floor of Lemieux Library provides research services and learning assistance programs.
- Internet (make sure the sources are reputable and that you are not violating the Academic Integrity Policy).

If you have difficulty finding help on a particular topic, please contact the instructor.

COURSE POLICIES

Attendance:
Keeping up with the reading and attending class is essential! Students are strongly encouraged to participate in class discussions as a means of developing an understanding of the course material.

Also, see the *Extraordinary Event Absence Policy*.

Late Homework Policy:

I kindly request that all assignments be submitted on time. If you encounter any challenges that might hinder timely submission, please reach out to me in advance so we can explore possible solutions together. Regrettably, I won't be able to accept late submissions without prior communication and arrangement

Submission Deadlines:

Always check Canvas for submission deadlines for all deliverables and the most up-to-date information.

Questions after class:

If you find yourself with questions beyond our regular class hours, don't hesitate to seek assistance. You have several avenues to explore. Firstly, consider posting your inquiries on [Canvas Discussion](#), as your fellow classmates might provide valuable insights. Additionally, our dedicated Teaching Assistants (TAs) are readily available during their office hours or via email for course-related queries. I also encourage you to make use of my own office hours, where I'm more than happy to help with any concerns or doubts.

In-Class Lab Exercises, Participation, Quizzes:

Students are *required* to bring a laptop to class to participate in classroom exercises. Electrical connections may not be available, so laptops should be charged in advance.

Extraordinary Event Absence Policy:

If an extraordinary event occurs (such as a hospitalization or death of a family member), please note the following:

- You need to let me know as soon as possible and must keep in contact with me during your absence. If this is not possible, you will unfortunately have to withdraw from the course.
- It is your responsibility to make up the missing material and catch up with the remainder of the class as soon as possible.
- If an absence causes you to miss several class periods and assignments that make it very difficult for you to catch up, you will unfortunately have to withdraw from the course.
- Proof of the extraordinary event may be required. If you are unable or uncomfortable in providing proof, accommodations such as extended deadlines or makeup exams will not be provided.
- In accordance with university policy, incomplete grades (I) are only given if an unexpected absence occurs at the end of the quarter.

The following situations are *not considered to be extraordinary events*. This is not considered to be an exhaustive list.
- Normal sickness (including COVID) that does not require hospitalization.
- Known medical and/or mental health issues. Students must set up arrangements through Disabilities Services. Please see the *Accessibility Policy* for more details.
- Conflicts and deadlines due to work or other classes.
- Family-related issues (unless they involve hospitalization or death of a family member).
- Travel-related issues

Accessibility Policy:

Seattle University values diverse types of learners and is committed to ensuring that each student is afforded an equal opportunity to participate in learning experiences. Disability Services (DS) works with students to provide reasonable accommodations to support their learning experiences. This includes students with a learning disability, a chronic health problem, or a mental health condition. This could include any long-term effects of COVID, even after recovery ("long-COVID"), if a health care provider determines it is a chronic health problem.

If you have, or suspect you may have, a condition that may interfere with your performance as a student in this course and have not yet been assessed by DS, please contact DS staff at DS@seattleu.edu or (206) 296-5740. Accommodations to course expectations can be made only through this process and must be approved by DS before implemented in a course. I am committed to working with you, so please consider meeting with me to discuss the logistics of implementing any accommodations approved by DS.

Religious Accommodations Policy:

It is the policy of Seattle University to reasonably accommodate students who, due to the observance of religious holidays, expect to be absent or endure a significant hardship during the course. Requests must be given within the first 14 days of the quarter. For more information, please see *Policy on Religious Accommodations for Students*.

Canceled Class Policy:

If a class is canceled (likely due to inclement weather or instructor illness), the instructor has the right to make up lost class content in an online format.

Academic Integrity Policy:

The basic presumption is that the work you hand in was done by you. Occasionally it may be necessary to ask someone for help. You are permitted to do so, provided you meet the following two conditions: (1) You specifically acknowledge the help on the work you hand in, (2) You understand the work that you hand in so that you can explain the reasoning behind the parts of the work done for you by another. I do reserve the right to give less than full credit in circumstances where it appears that there has been a large-scale division of labor, and you are not getting as much learning out of the assignment as you should. Unacknowledged help will be deemed as cheating and will result in a zero for the assignment. Students have the responsibility to know and observe the requirements of the university code of academic honesty and the penalties resulting from violation of this code. This code forbids cheating, fabrication, or falsification of information, multiple submissions of academic work, plagiarism, abuse of academic materials, and complicity in academic dishonesty.

You are encouraged to consult the *Academic Integrity Tutorial*.

COVID Policies and Guidelines:

Here are policies related to COVID. These policies are consistent with university guidelines. If university guidelines change, these policies will be modified accordingly.

● Masks are optional at Seattle University. If you come to my office hours wearing a mask, I will also wear a mask.
● If you are showing COVID symptoms, do not come to class and be sure to get tested.
● If you test positive for COVID, you must isolate for at least five days. Please wear a mask for the first week after you return.
● If you were in close contact with someone who had COVID but are not showing symptoms and/or test positive yourself, you may still attend class and are expected to take any exam in person. Wearing a mask is recommended in this situation.
● In terms of the late homework policy, getting COVID that does not require hospitalization is NOT considered an extraordinary event but the two free late days can be used. All assignments are submitted electronically.
● Lectures will not be recorded. Slides with annotations will be placed on Canvas.
● If I need to be absent, I will most likely carry out the class via Zoom or cancel that class period. Exams will still likely be in-person with a substitute to proctor the exam.
● Some students may have a level of anxiety during the quarter. Counseling services are available. If you feel that anxiety and/or other issues will affect your performance in class, please contact Disabilities Services.