CSC 428/2514 Human Computer Interaction, Winter 2022
Course Information Sheet

Course Instructor:
Prof. Joseph Jay Williams
williams@cs.toronto.edu

Lectures:
Monday, 6pm - 9pm, beginning January, 10th

Office Hours:
By appointment (email to make an appointment)

TAs:
- Suhyeon (Sue) Yoo suhyeon.yoo@mail.utoronto.ca
- Ilya Musabirov ilya.musabirov@mail.utoronto.ca
- Ananya Bhattacharjee ananya@cs.toronto.edu

Course Overview and Objectives:
CSC428H/2514 is the department's second course in Human-Computer Interaction. It builds on the department's first course in HCI, CSC318, and what students learned there about interface design through task analysis, usability testing and iterative design. While the focus in 318 was largely on the design process, this second course will focus more on the underlying models of human-computer interaction, rigorous evaluation, and research frontiers.

Prerequisite: CSC318H1; STA247H1/ STA255H1/ STA257H1; CSC209H1/ proficiency C++ or Java

Recommended Preparation: A course in PSY; CSC209H1; (STA248H1/ STA250H1/ STA261H1)/(PSY201H1)

Distribution Requirements:
Science

Breadth Requirements:
The Physical and Mathematical Universes (5)

Program Area Section:
Computer Science

Course Webpage:
https://q.utoronto.ca/courses/239116

Grading Scheme:

- Assignment 1: 20%
- Assignment 2/Paper: 35%
- Weekly Plans & Reflections: 15%
- Participation & Contribution to Class & Community: 15%
- Design of Digital Learning Resources: 15%

On Academic Integrity:
Academic integrity is essential to the pursuit of learning and scholarship in a university, and to ensuring that a degree from the University of Toronto is a strong signal of each student's individual academic achievement. As a result, the University treats cases of cheating and plagiarism very seriously. The University of Toronto's Code of Behaviour on Academic Matters (www.governingcouncil.utoronto.ca/policies/behaveac.htm) outlines the behaviours that constitute academic dishonesty and the processes for addressing academic offences. All assignments for this course are to be done individually.

Recording
The classes will be recorded on zoom.

Text Books
There are no required textbooks for this course. Suggested texts and readings will be posted on the course website.

Lecture Schedule
The schedule may be subject to change. Any changes will be announced.

	Lecture Topic
Week 1	Jan 10: Introduction to HCI
Week 2	Jan 17: Methods & Goals in HCI Research
Week 3	Jan 24: Methods & Goals in HCI Research (#zzDeeperDive) & User Interviews
Week 4	Jan 31: Human Computation & Crowdsourcing
Week 5	Feb 7: HCI Research and Cognitive Behaviour
Week 6	Feb 14: Participatory Design
Feb 21: Reading Week	
Week 7	Feb 28: Mobile Health Design
Week 8	Mar 7: Crowdsourcing & Human Computation
Week 9	Mar 14: A/B Testing
Week 10	Mar 21: Hypothesis Testing Deep Dive
Week 11	Mar 28: Presentations
Week 12	Apr 4: Presentations (Continued)

Accessibility Statement

Students with diverse learning styles and needs are welcome in this course. In particular, if you have a disability or health consideration that may require accommodations, please feel free to approach me and/or the Accessibility Services Office as soon as possible. The Accessibility Services staff are available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations. The sooner you let them and me know your needs, the quicker we can assist you in achieving your learning goals in this course. (From [Accessibility Office, U of T](#))