

CSC 428/2514 Human Computer Interaction, Spring 2026 Course Information Sheet

Course Instructor:

Prof. Tovi Grossman (tovi@dgp.toronto.edu)

Office Hours (Online):

Wednesday 9:30am-10:30am, beginning 14 January 2026

<https://utoronto.zoom.us/j/9255676710>; password: 843486

Lectures:

Wednesday, 6pm-8pm, beginning 7 January 2026

BA1180

Tutorials:

Wednesday, 8pm-9pm, beginning 14 January 2026

BA1180

TAs:

Leping Qiu (leping.qiu@mail.utoronto.ca)

Chenxinran Shen (elise@cs.toronto.edu)

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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.

Course Prerequisites

Please see Academic Calendar for course prerequisites. You will be removed from the course if you do not meet the prerequisites, unless you have received permission from the instructor and the department to take the course.

Course Webpage:

<https://q.utoronto.ca/courses/417347>

Readings, lecture slides, and assignments will be posted on the course webpage. Students are also responsible for monitoring announcements posted on this site. While the course instructor and TAs may also view the discussion channel on the course website, it will not always be moderated. Questions directed to the TAs or course instructor should be raised during lectures, tutorials or office hours.

Grading Scheme:

Assignment #1 @ 20%

Handed out Jan 7, due Feb 3

Assignment #2 @ 25%

Handed out Feb 4, due Mar 10

Term project paper @ 30%
Handed out Feb 11, due Mar 31

Term project proposal @ 2%
Handed out Feb 11, due Feb 26

Term Project Presentation @ 15%
Handed out Feb 11. Presented Mar 25 or Apr 1

Guest Lecture Summary @ 3%
Lecture takes place on Feb 4, due Feb 10

Ethics Module Pre Survey @ 1%
Handed out Jan 7, due Mar 3

Ethics Module Post Survey @ 1%
Handed out Apr 3, due Apr 4

Term Project Reflection @ 3%
Handed out Mar 18, due Apr 4

Penalty for Lateness:

All assignments and papers will be submitted using the course webpage and are due at 11:59 PM ET.

For Assignment #1, Assignment #2, and the Term Paper: A 10% penalty will be assigned for assignments handed in late within 24 hours of the deadline. **If handed in more than 24 hours late it will receive a grade of zero.**

For all other course components: **Any other course component not handed in by the deadline will receive a grade of zero.**

Other exceptions will be made for medical or critical personal emergencies. Talk to the course instructor, not the TAs, regarding these exceptions prior to the due date, where possible. In the event of illness, students should fill out the absence declaration form on ACORN and notify the instructor to request special consideration.

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.

The Use of Generative AI

Generative AI tools (such as large language models and AI-based assistants) can be powerful learning aids when used thoughtfully. In this course, their use is permitted in some contexts and restricted in others, depending on the specific learning objectives of each assignment. Students must carefully review the instructions for each assignment to determine whether and how generative AI may be used. Unless an assignment explicitly states otherwise, generative AI may be used as a personal aid to support understanding, brainstorming, or refinement of ideas. However, students remain fully responsible for the accuracy, originality, and integrity of all submitted work, including any content produced with the assistance of AI tools. Any use of generative AI must be clearly declared in the submitted work, following the guidelines provided for that assignment. Undeclared or inappropriate use of AI tools will be treated as an academic integrity violation. The goal of this policy is to encourage responsible, transparent use of AI in ways that support learning rather than replace it.

Text Books

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

Lecture and Tutorial Schedule

The schedule may be subject to change. Any changes will be announced on the course webpage.

	Lecture	Tutorial
Week 1 - Jan 7	Introduction to HCI	No Tutorial
Week 2 - Jan 14	Qualitative Evaluation	Assign. 1 & Nielsen's Heuristics
Week 3 - Jan 21	Quantitative Evaluation	Conducting User Studies
Week 4 - Jan 28	Analysis of Experimental Data	Experiment Design
Week 5 - Feb 4	Guest Lecture	Assignment 2 Walkthrough
Week 6 - Feb 11	Psychology of HCI	Experiment Analysis
Week 7 - Feb 18	Reading Week	Reading Week
Week 8 - Feb 25	Physical Models of Interaction	Writing an Experiment Section
Week 9 - Mar 4	Input Techniques	GOMs and Fitts' Law
Week 10 - Mar 11	Academic and Industry Research	Term Paper
Week 11 - Mar 18	Ethics Module	Research Paper Analysis and Poster
Week 12 - Mar 25	Presentations	Presentations
Week 13 - Apr 1	Presentations	Presentations