

# Course Syllabus

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Welcome to CSC111! This course is a continuation of CSC110 and extends the principles of programming and mathematical analysis we learned in 110 to further topics in computer science.

The material posted on Quercus is required reading. It contains important information: assignment handouts, the policy on missed work, links to all course tools, the announcements page, and more.

Please read through this course syllabus carefully to familiarize yourself with the content, logistics, and policies of CSC111.

All course announcements will be made on Quercus on the [Announcements \(https://q.utoronto.ca/courses/394498/announcements\)](https://q.utoronto.ca/courses/394498/announcements) page. **You are responsible for reading all course announcements.**

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## CSC111 Teaching Team

This term, both lecture sections are taught by Paul He



Other than your instructors, you may also hear from our administrative support Angela Hick, our lead TA Kimia Shaban, our MarkUs and auto-testing administrator Sophia Hyunh, our CMP1 department advisor Amna Adnan, or your classroom and tutorial TAs who you will be seeing regularly throughout the course.


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## How to get in touch with us

## What not to do

Do **NOT** use Quercus messaging for anything related to CSC111. Your message will likely not be received. Do **not** send emails to course instructor's personal email addresses either, where they are likely to get lost in our usually flooded inboxes. Instead you can do any of the below, depending on your situation:


## For personal issues/emergencies

To contact the course instructors regarding personal issues and emergencies, please post a private post on our [Ed discussion board](https://edstem.org/us/join/45dr7y)  (<https://edstem.org/us/join/45dr7y>). Private posts should be reserved for personal questions (making appointments, remarking requests, missing class, etc.). Otherwise, please post publicly (you can make yourself anonymous to your peers on a public post, if you would like) so that the rest of the class can benefit from the discussion as well.

If you do not feel comfortable with Ed or for more routine administrative matters (e.g. accommodations letters, absence declarations), you can also get in touch via this email address: [csc111-2026-01@cs.toronto.edu](mailto:csc111-2026-01@cs.toronto.edu) (<mailto:csc111-2026-01@cs.toronto.edu>). Sign your email with your full name, student number, and UTORid.

We will try to respond to email by the end of the next business day. However, it may take longer, especially near due dates. If you do not hear back after a few days, please do not hesitate to send a follow-up email.

## General course-related questions

For general course-related questions such as clarifying a concept, asking about an assignment, etc., please always use [Ed Discussion](https://edstem.org/us/join/45dr7y)  (<https://edstem.org/us/join/45dr7y>) instead of email. This is our course online discussion forum and chatroom. Please post all of your questions about the course material and assignments on Ed so that everyone can benefit from your questions. We will monitor the discussion board regularly, but please answer questions from other students—helping someone else learn is one of the most effective ways of truly mastering a subject.

## General questions, personal questions, and sometimes just to chat

Last but not least, come see us during our weekly office hours—more on that below! You can come in on a drop-in basis with any general course-related questions (or—during less busy weeks—even just to chat).

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## Lectures

The first lecture is on **Tuesday, January 6**. All lectures start at "U of T time", which is 10 minutes past the hour, and end on the hour. This allows for 10 minutes of travel/break time if you have back-to-back classes.

Lectures	LEC0101	LEC0201
<b>Meeting Time and Location</b>	Tuesdays: 9:10am - 11:00am (Location: <a href="https://map.utoronto.ca/?id=1809#!m/494460">WB 116 (https://map.utoronto.ca/?id=1809#!m/494460)</a> .)	Tuesdays: 3:10pm - 5:00pm (Location: <a href="https://map.utoronto.ca/?id=1809#!m/982047">AH 100 (https://map.utoronto.ca/?id=1809#!m/982047)</a> .)
	Thursdays: 10:10am - 11:00am (Location: <a href="https://map.utoronto.ca/?id=1809#!m/1012737">SF 1105 (https://map.utoronto.ca/?id=1809#!m/1012737)</a> .)	Thursdays: 3:10pm - 4:00pm (Location: <a href="https://map.utoronto.ca/?id=1809#!m/494459">HS 610 (https://map.utoronto.ca/?id=1809#!m/494459)</a> .)

Our lectures will alternate between presenting new concepts and you actively engaging with course material through problem-solving exercises. Attendance in lecture is not graded, but is considered a mandatory part of the course.

## Lecture recordings


Most lecture sessions will be recorded using the University of Toronto's OpenCast Content Capture Pilot, which automatically records lectures and posts them on the **OCCS Student App** in the Quercus sidebar. However, because of the amount of active learning that will take place during lecture, please note that simply watching these videos is not a substitute for attending class! Our recommendation is to use these recordings for review purposes only, or if you miss a lecture due to extenuating circumstances. If you did miss the lecture, we strongly recommend working through the in-class exercises (which are posted separately on Quercus) when we reach those points in the lecture, so that your experience is as close to the live classroom experience as possible. These recordings are meant for your personal learning, and you may not distribute these recordings or make your own (please see the copyright notice below).

## Office hours

Each week, I will hold drop-in office hours that provide an informal setting for students to drop in and ask questions or just chat about the course material (or, during less busy weeks, we can just chat about cats, board games, and other good things in life). You are welcome to attend any of the scheduled office hours (even just to say hi!).

The regular schedule is below. During busier times within the semester, we will announce additional TA and instructor office hours as well.

- Mon 1:00pm - 2:00pm (private office hours by appointment, see below)
- Wed 4:00pm - 5:00pm (group office hours in [BA 4290 \(https://map.utoronto.ca/?id=1809#!m/494470?s/\)](https://map.utoronto.ca/?id=1809#!m/494470?s/))
- Fri 3:00pm - 4:00pm (group office hours in [BA 4290 \(https://map.utoronto.ca/?id=1809#!m/494470?s/\)](https://map.utoronto.ca/?id=1809#!m/494470?s/))

**Private one-on-one appointment times** to discuss personal matters with Paul will be available on most Mondays. Please see this booking link ([Book time with Paul He: CSC111 Private Office Hours](https://outlook.office.com/bookwithme/user/efd98117f04243fead2b443724192621@utoronto.ca/meetingtype/fLJBEIVnO0aA7dtFn9-wAg2?bookingcode=e4573863-0a83-432c-9226-9607c82e3bad&anonymous&ismsaljsauthenabed&ep=mcad) ) (<https://outlook.office.com/bookwithme/user/efd98117f04243fead2b443724192621@utoronto.ca/meetingtype/fLJBEIVnO0aA7dtFn9-wAg2?bookingcode=e4573863-0a83-432c-9226-9607c82e3bad&anonymous&ismsaljsauthenabed&ep=mcad>), slots open up 1 week ahead of time) for exact dates and to sign up for an appointment.

Our office hours are student-driven, meaning teaching team members won't have any material prepared. Instead, the discussion will be based on whatever questions you'd like to ask. Most office hours are also group-based, meaning we generally stick to questions that aren't specific to any particular student, but rather to course concepts and answers that every student can benefit from.

If you have a personal matter to discuss, you may book an appointment for Paul's Monday office hours or bring it up during the group office hour. If you have such a matter to discuss but none of the available times work for you, feel free to contact us to request an appointment (let us know your availability for the week within the email, being as flexible as possible).

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## Assessments

Note: All quizzes, tests and exam will be held in-person on campus, with no exceptions.

The following table summarizes the course assessments:

Assessment	Percent	Details	Date
Checkpoint quizzes	10%	5 checkpoint quizzes during tutorials. 2% for each quiz. More information below.	All quizzes take place during <b>your registered tutorial session</b> on Mondays. The first checkpoint quiz is in week 3.

Assignments	11%	Assignment 1: 2% Assignment 2: 3% Assignment 3: 3% Assignment 4: 3%	Assignment 1: Jan 23 Assignment 2: Feb 27 Assignment 3: March 13 Assignment 4: March 27
Course Project 1	4%	Open-ended project that builds on assignment 1, to be done in a group	Feb 6
Course Project 2	10%	Open-ended project to be done in a group Proposal: 2% Project deliverable and report: 8%	Proposal: March 4 Project: March 30
Midterm	20%		Tuesday February 10, <b>during your lecture time, in a different room</b>
Ethics Modules	3%	Two Thursday classes will be dedicated to material about ethics in computing. 2 surveys worth 0.5% each, 1 written reflection near the end of the term worth 2%	Module 1: March 5 Module 2: March 26 Survey 1 to be posted, due before module 1 in class. Written reflection and survey 2 will be after the second module. Exact dates to be announced
Checkpoint Quiz Feedback Survey	0.5%		To be announced near the end of the term
In-Person Final Exam	41.5%	You must receive a grade of at least <b>40%</b> on	Final Exam Period—will be announced by the

	<p>the final exam to pass CSC111. Students who do not meet this threshold (including students who do not write the final exam) will have their course grade lowered to no more than 48.</p>	<p>Faculty of A&amp;S later in the semester</p>
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## Checkpoint Quizzes (10%) and Tutorials

Throughout the term, you will have 5 checkpoint quizzes. These quizzes will offer consistent feedback on your progress and understanding of the course material. They will help you gauge your readiness for larger assessments such as midterms and the final exam, and identify any gaps in your understanding of core course concepts so you can address them early on.

These checkpoint quizzes will take place during the second hour of your tutorial sessions, which means attending your registered tutorial session is mandatory. **The first tutorial quiz is Monday, January 19.**

In the first hour of tutorial sessions, TAs will present some practice material and work through some examples. Like lectures, all tutorials and tutorials start at "U of T time", which is 10 minutes past the hour.

See the [Checkpoint Quizzes and Tutorials \(https://q.utoronto.ca/courses/418277/pages/checkpoint-quizzes-and-tutorials\)](https://q.utoronto.ca/courses/418277/pages/checkpoint-quizzes-and-tutorials) page for more details.

## Assignments (11%) and Course Projects (14%)

Assignments are larger pieces of work that span multiple course topics, and require you to apply and synthesize your knowledge and skills from multiple areas in computer science. They are a mixture of written tasks and programming tasks, and will be graded for both correctness and clarity of communication. Assignments will be posted online, and will be submitted to the MarkUs application. Assignments must be completed individually.

Projects are more open ended, and will also be submitted to MarkUs.

### Assignments and Projects: Late Policy

There is a one-hour grace period after a deadline, during which no penalty will be applied. Assignments and projects submitted after this one-hour grace period, even by one second, are late

and will be accepted only under the policy on special consideration and accommodations below.

## **Assignments: Special Consideration and Accommodations Policy**

We recognize that unexpected problems, illness and disability-related barriers sometimes make it difficult to submit assignments on time. (Note: Remember to value both your physical and mental health! We recognize that feeling emotionally unwell can be just as debilitating toward getting coursework completed on time.) So, we are adopting a policy aiming to be as flexible as possible for a course of this size: you may request an extension of **up to one week** for assignments 2, 3, 4, or project 1 and **up to 3 days for assignment 1 or either phase of project 2** by completing this form (TO BE POSTED).

When an extension is requested under this policy:

- the extension begins from the original assignment due date and time
- the deadline is typically updated on MarkUs within about an hour
- the maximum extension that allowed is one week (3 days for A1/project 2). Any submissions beyond the extension and the one-hour grace period (even 1 second beyond) will not be graded.

Do not use this policy to simply shift the original deadline. If you ask for an extension because you need more time and then during the extension period you become ill or face another challenge that impacts your ability to complete the assignment, you will not be granted any additional extensions beyond the maximum. Extensions beyond the maximum will only be considered if the reason for the request began before the original assignment deadline, persisted during the entire extension period, and continued beyond the extended deadline. In that case, you should contact the course email address.


## **Midterm (20%) and Final Exam (41.5%)**

Tests are used to evaluate your learning in a focused setting periodically throughout the semester (term tests) and at the end of the course (final exam). The midterm will take place in person during lecture time, replacing the regular lecture.

**IMPORTANT NOTE:** You must receive a grade of at least **40%** on the final exam to pass CSC111. Students who do not meet this threshold (including students who do not write the final exam) will have their course grade lowered to no more than 48.

## **Preparations and Practice Problems**

Aside from the graded assessments mentioned above, we will also be posting several practice problems throughout the term to help you evaluate your understanding and build your skills.

Preparation exercises will be posted prior to each week and consist of a few readings from the [CSC110/111 Course Notes](https://www.teach.cs.toronto.edu/~csc110y/fall/notes/)  (<https://www.teach.cs.toronto.edu/~csc110y/fall/notes/>), a short

comprehension quiz on Quercus, and some programming exercises that you will download and submit to using the online MarkUs application. We have designed these preps to help you stay on track and learn simpler concepts independently so that we can focus on more complex content and skills in lecture and tutorial.

In the first hour of each tutorial, TAs will present some larger programming exercises that you can use to reinforce and extend your learning from lecture that week. We have designed these exercises to not simply be a repeat of work you did in lecture, but to give you different kinds of opportunities to problem-solve and practice what you've learned.

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## Technology Requirements

To participate in this course, you must have reliable access to a personal computer to complete course work. A desktop computer or laptop is required; other computing devices, such as Chromebooks, tablets, and smartphones, are NOT sufficient to run the software required for this course.

We recommend bringing a laptop to lectures, so that you can experiment with and complete various programming-related exercises. However, if you do not have access to a laptop you will still be able to participate and complete almost every exercise on paper, though you will be responsible for printing out exercise handouts and bringing them to class. (See below for information about accessing our department's on-campus computer labs.)

## Software Setup

We will continue to use the same versions of Python and PyCharm from CSC110. See the [Software Installation for CSC111 \(https://q.utoronto.ca/courses/418277/pages/software-installation-for-csc111\)](https://q.utoronto.ca/courses/418277/pages/software-installation-for-csc111) page for more details.

Note: we are using PyCharm to display, write, and run Python programs in this course. While we are not grading your use of PyCharm, if you choose to use a different program for Python programming, it will be your responsibility to translate instructions we give for using PyCharm, and your instructors and TAs may be unable to assist you. It is **highly recommended** to use PyCharm for this course, even if you have previously used different software before.

## The Department of Computer Science Teaching Labs

As first-year computer science students, you have access to our department's Teaching Lab rooms, located in the Bahen Centre, 40 St. George Street. These lab rooms are a popular study and work location for CS students, have both computers and printers that you can access, and will be the same setting that you write your checkpoint quizzes in. For more information about the teaching labs,

please check out [the CS Teaching Lab website](https://www.teach.cs.toronto.edu/resources/introduction-for-new-students-using-the-teach-cs-labs/) [\(https://www.teach.cs.toronto.edu/resources/introduction-for-new-students-using-the-teach-cs-labs/\)](https://www.teach.cs.toronto.edu/resources/introduction-for-new-students-using-the-teach-cs-labs/).

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## Textbooks and Resources

There is no required textbook for this course. We'll be making use of a set of Course Notes that we have prepared for CSC110/CSC111, available for free online at <https://www.teach.cs.toronto.edu/~csc110y/fall/notes> [\(https://www.teach.cs.toronto.edu/~csc110y/fall/notes\)](https://www.teach.cs.toronto.edu/~csc110y/fall/notes). Roughly half of these chapters will be assigned as prep throughout this term, and these are all required readings for the course.

Here are a few supplementary books and resources that you may find useful for this course:

- [Practical Programming](https://pragprog.com/titles/gwpy3/practical-programming-third-edition/) [\(https://pragprog.com/titles/gwpy3/practical-programming-third-edition/\)](https://pragprog.com/titles/gwpy3/practical-programming-third-edition/) by Paul Gries, Jennifer Campbell, and Jason Montojo.
  - [How to Think Like a Computer Scientist](https://www.openbookproject.net/thinkcs/python/english3e/) [\(https://www.openbookproject.net/thinkcs/python/english3e/\)](https://www.openbookproject.net/thinkcs/python/english3e/) by Peter Wentworth, Jeffrey Elkner, Allen B. Downey, and Chris Meyers.
  - [How to Prove It](https://librarysearch.library.utoronto.ca/discovery/search?query=any,contains,how%20to%20prove%20it%20daniel%20velleman&tab=Everything&sea) [\(https://librarysearch.library.utoronto.ca/discovery/search?query=any,contains,how%20to%20prove%20it%20daniel%20velleman&tab=Everything&sea\)](https://librarysearch.library.utoronto.ca/discovery/search?query=any,contains,how%20to%20prove%20it%20daniel%20velleman&tab=Everything&sea) by Daniel J. Velleman.
  - [Discrete Mathematics: An Open Introduction](https://discrete.openmathbooks.org/dmoi3.html) [\(https://discrete.openmathbooks.org/dmoi3.html\)](https://discrete.openmathbooks.org/dmoi3.html) by Oscar Levin.
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## Accommodations and Accessibility Services

### Accessibility Services

Students with diverse learning styles and needs are welcome in this course. The Accessibility Services staff are available by appointment to assess specific needs, provide referrals, and arrange appropriate accommodations. The sooner you let them and us know your needs, the quicker we can assist you in achieving your learning goals in this course. For more information on services and resources available to students, including registering for accommodations, please see the U of T Accessibility Services website: <https://www.studentlife.utoronto.ca/as> [\(https://www.studentlife.utoronto.ca/as\)](https://www.studentlife.utoronto.ca/as).


if you have a disability or health consideration that may require accommodations, please visit <http://www.accessibility.utoronto.ca> [\(http://www.accessibility.utoronto.ca\)](http://www.accessibility.utoronto.ca) as soon as possible.

### Religious Accommodations


As a student at the University of Toronto, you are part of a diverse community that welcomes and includes students and faculty from a wide range of cultural and religious traditions. For our part, we will make every reasonable effort to avoid scheduling tests, examinations, or other compulsory activities on religious holy days not captured by statutory holidays. Further to University Policy, if you anticipate being absent from class or missing a major course activity (such as a test or in-class assignment) due to a religious observance, please let us know as early in the course as possible, and with sufficient notice (at least two to three weeks), so that we can work together to make alternate arrangements.

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## Mental Health and Wellness

Your mental health is important. Throughout university life, there are many experiences that can impact your mental health and well-being. As a University of Toronto student, you can access free mental health and wellbeing services at Health & Wellness (<https://studentlife.utoronto.ca/department/health-wellness/> (<https://studentlife.utoronto.ca/department/health-wellness/>)) such as same day counselling, brief counselling, medical care, skill-building workshops, and drop-in peer support. You can also meet with a Wellness Navigation Advisor who can connect you with other campus and community services and support. Call the mental health clinic at 416-978-8030 ext. 5 to book an appointment or visit <https://uoft.me/mentalhealthcare>  (<https://uoft.me/mentalhealthcare>) to learn about the services available to you.

You can also visit your College Registrar to learn about the resources and supports available: <https://www.artsci.utoronto.ca/current/academic-advising-and-support/college-registrars-offices> (<https://www.artsci.utoronto.ca/current/academic-advising-and-support/college-registrars-offices>)

If you're in distress, you can access immediate support: <https://uoft.me/feelingdistressed>  (<https://uoft.me/feelingdistressed>)

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## Special Consideration

Students experiencing illness or other emergencies that prevent them from being able to complete homework on time or write a midterm or quiz can request special consideration. To do so, complete the Special Consideration Request Form (TO BE POSTED). You will receive an email response to your request within 1-2 business days (check your junk folder if you have not received a response!).

**IMPORTANT:** Submit your request soon as possible if you find yourself in such a situation. It is easier to resolve situations earlier rather than later. If your emergency will affect your ability to complete coursework for more than a few days, or in multiple courses, we recommend you also talk to your registrar. You should also complete the absence declaration form on ACORN.

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# Remark Requests

Mistakes sometimes happen when marking. If you feel there is an issue with the marking of an assignment or test, you may request that it be remarked.

For assignments: request a remark on MarkUs for the assignment you feel there was a mistake in marking for. You must give a specific reason for the request, referring to a possible error or omission by the marker. Remark requests without a specific reason will not be accepted.

For the midterm: please see the announcement about the midterm result for details once marks are released. Like for assignments, you must give a specific reason for the request, referring to a possible error or omission by the marker. Remark requests without a specific reason will not be accepted.

For prompt turnaround, remark requests must be received within two weeks of when the item was returned.

Please note that when we receive a remark request, we may regrade the entire submission, not just a specific question. Your mark may go up or down as a result of the remark.

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# CSC111 Community Code of Conduct

[This section is based in part on the [Community Covenant](https://www.contributor-covenant.org/)  (<https://www.contributor-covenant.org/>).]

All members of the course staff and all students are part of the same CSC111 community, and we share the common goal of creating a safe and positive learning environment for every student. Each of us is responsible for creating this environment, and must follow the guidelines below when participating in this course.

**1. Use welcoming and inclusive language. Show empathy towards other community members.**

Call people by their preferred names and pronouns. Do not make offensive comments about an individual or group (e.g., gender, sexual orientation, disability and mental illness, or race). Avoid humour or sarcastic remarks based on such comments or stereotypes.

**2. Be respectful of differing viewpoints and experiences. Gracefully give and accept constructive criticism.**

Look for (and reflect on) ideas and perspectives that are different than your own. Make a genuine effort to thank those who share them. It is natural to disagree with something a member of our community has written, and you are permitted to voice your disagreement. However, when doing so take the following into consideration: try to understand where the other person might be coming from; do not assume the other person's motives or draw inferences from their identity; be polite in

your response and state where you agree.

### 3. *Be professional in your conversations.*

While conversations about topics unrelated to CSC111 or even the University of Toronto are certainly permitted (and encouraged), keep these conversations professional as you would in the workplace. Do not share sexual or violent content and avoid profanity.

### 4. *Respect the personal boundaries of each community member.*

While we encourage you to make use of this course's online platforms to meet each other to form academic and social connections, no one is obligated to do so. Everyone will have different boundaries and comfort levels that may change over time and depending on the situation. When in doubt, ask. If someone has asked you to respect one of their boundaries (e.g., not to contact them), with or without a reason, please respect their wishes. Do not reveal any person's personal information or private communications to a third person (or publicly) without receiving their explicit consent.

If you experience a violation of this code of conduct in a CSC111 space, or witness such a violation (even if it is not directed at you), or have any other concerns, please contact the course staff at [csc111-2026-01@cs.toronto.edu](mailto:csc111-2026-01@cs.toronto.edu) (<mailto:csc111-2026-01@cs.toronto.edu>). We will respond to you in a timely manner and everything you say will be confidential.

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## Copyright notice

Course materials prepared by the instructor are considered by the University to be an instructor's intellectual property covered by the Copyright Act, RSC 1985, c C-42. These materials are made available to you for your personal use, and cannot be shared outside of the class or published (made publicly available) in any way. Posting course materials or any recordings you may make to other websites without the express permission of the instructor will constitute copyright infringement.

This notice applies to all course materials, including (but not limited to): course notes, lecture slides, lecture recordings, lecture and tutorial handouts, sample solutions, and assessment handouts, starter code, and solutions.

## Lecture and tutorial recordings

You may not make your own recordings of video or audio of lectures or tutorials.

## Your course work

Work that you complete for CSC111 (including exercises, assignments, and tests) may not be shared with other students or publicly published. This policy is to both protect the intellectual property of course staff (including, for example, the design and starter files for assignments), and to protect you from committing acts of academic dishonesty. For more information on this topic, see the

[Department of Computer Science website](https://web.cs.toronto.edu/undergraduate/portfolio-advice) [↗ \(https://web.cs.toronto.edu/undergraduate/portfolio-advice\)](https://web.cs.toronto.edu/undergraduate/portfolio-advice).

However, it should be noted that you are allowed to use GitHub's private (not public!) repositories to store your own work. [GitHub](https://github.com/) [↗ \(https://github.com/\)](https://github.com/) is a popular option for computer science students and professionals to both collaborate in teams and publish their work online, including to develop a portfolio for potential employers. (See [GitHub's instructions for creating a repository](https://docs.github.com/en/repositories/creating-and-managing-repositories/quickstart-for-repositories) [↗ \(https://docs.github.com/en/repositories/creating-and-managing-repositories/quickstart-for-repositories\)](https://docs.github.com/en/repositories/creating-and-managing-repositories/quickstart-for-repositories) and select "Private" in Step 4.)

## Academic Integrity

All suspected cases of academic dishonesty will be investigated following procedures outlined in the [Code of Behaviour on Academic Matters](https://governingcouncil.utoronto.ca/secretariat/policies/code-behaviour-academic-matters-july-1-2025) [↗ \(https://governingcouncil.utoronto.ca/secretariat/policies/code-behaviour-academic-matters-july-1-2025\)](https://governingcouncil.utoronto.ca/secretariat/policies/code-behaviour-academic-matters-july-1-2025). If you have questions or concerns about what constitutes appropriate academic behaviour or appropriate research and citation methods, please reach out to the course coordinator.

Note that you are expected to seek out additional information on academic integrity from your instructors or from other institutional resources. For example, to learn more about how to cite and use source material appropriately and for other writing support, see the U of T writing support website at <http://www.writing.utoronto.ca> [↗ \(http://www.writing.utoronto.ca\)](http://www.writing.utoronto.ca). Consult the [Code of Behaviour on Academic Matters](https://governingcouncil.utoronto.ca/secretariat/policies/code-behaviour-academic-matters-july-1-2025) [↗ \(https://governingcouncil.utoronto.ca/secretariat/policies/code-behaviour-academic-matters-july-1-2025\)](https://governingcouncil.utoronto.ca/secretariat/policies/code-behaviour-academic-matters-july-1-2025) for a complete outline of the University's policy and expectations. For more information, please see [A&S Student Academic Integrity](https://www.artsci.utoronto.ca/current/academic-advising-and-support/academic-integrity) [↗ \(https://www.artsci.utoronto.ca/current/academic-advising-and-support/academic-integrity\)](https://www.artsci.utoronto.ca/current/academic-advising-and-support/academic-integrity) and the University of Toronto [Website on Academic Integrity](https://www.academicintegrity.utoronto.ca/) [↗ \(https://www.academicintegrity.utoronto.ca/\)](https://www.academicintegrity.utoronto.ca/).

## Policy on generative AI (including ChatGPT)

In this course, you may use generative artificial intelligence (AI) tools, including ChatGPT and GitHub Copilot, as learning aids and to help complete weekly preps and assignments. You will not be permitted to use generative AI on the quizzes, tests or final exam. While some generative AI tools are currently available for free in Canada, please be warned that these tools have not been vetted by the University of Toronto and might not meet University guidelines or requirements for privacy, intellectual property, security, accessibility, and records retention. Generative AI may produce content which is incorrect or misleading, or inconsistent with the expectations of this course. These tools may be subject to service interruptions, software modifications, and pricing changes during the semester.

Generative AI is **not required** to complete any aspect of this course, and we caution you to not rely on these tools to complete your coursework. Instead, we recommend treating generative AI as a supplementary tool only for exploration or drafting content. Ultimately, you (and not any AI tool) are

responsible for your own learning in this course, and for all the work you submit for credit. Note that **if you do copy any output (code or otherwise) that was generated by AI, you must cite the source within your work** (more details will be provided about this when the first assignment is released).

Lastly, remember that it is your responsibility to critically evaluate the content generated, and to regularly assess your own learning independent of generative AI tools (the checkpoint quizzes should help you evaluate this). Over-reliance on generative AI may give you a false sense of how much you've actually learned, which can lead to poor performance on the tests or final exam, in later courses, or in future work or studies after graduation.