Course Syllabus

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Welcome to CSC108! This course provides an Introduction to Computer Programming. By the end of this course, you should be comfortable programming in Python, understand why good style is critical, and be familiar with core computer science topics like algorithms and complexity.

The material posted on Quercus is required reading. It contains important information: assignment handouts, the policy on missed work, links to the online discussion forum (Piazza), the announcements page, and more. We will assume and expect that you read all announcements made in lecture and on Quercus.

Communication

To contact the course instructors regarding personal issues e.g. illness, emergencies, etc., please use this email address: **csc108-2022-01@cs.toronto.edu** **(mailto:csc108-2022-01@cs.toronto.edu)**

For email, include "csc108" in the subject line and sign with your full name, student number, and UTORid.

For general course-related questions such as clarifying a concept, asking about an assignment, etc., please use Piazza or visit us during office hours.

Do not use Quercus messaging for anything related to CSC108.

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Textbook

The textbook, Practical Programming (3rd ed): An Introduction to Computer Science Using Python 3
, is available as an eBook at: **https://pragprog.com/titles/gwpy3/practical-programming-third-edition/ (http://pragprog.com/book/gwpy3/practical-programming-third-edition)** . The use of the
textbook is recommend but not required.

Instructors

Tom Fairgrieve is the Course Coordinator, which means that he and his instructional support staff
deal with all administrative issues (ex. missed work, problems with your grades, the course website,
and TA issues).

Instructor	Sections
Paul Gries	L0101: M10-12, W11-12
Angela Zavaleta Bernuy	L0201: M2-4, W3-4
Saima Ali	L0301: M4-6, W4-5
Tom Fairgrieve (Course Coordinator)	L5101/L5102: W6-9
Email : **csc108-2022-01@cs.toronto.edu (mailto:csc108-2022-01@cs.toronto.edu)**	

[Office Hours](#)

Marking Scheme Summary

- Orientation: **[Navigating the Course](#)**
- Orientation: **[Managing Expectations](#)**
- Orientation: **[Course Policies for Technical Issues](#)**

The following items will contribute to your grade: weekly exercises (prepare, perform), assignments, a midterm test, research activities, and a final assessment. All assessments must be completed alone (no partners or groups). The Marking Scheme is shown in the table below:

Assessment/ Survey	Count	Total Weight	More information
Prepare Exercises	11	5%	Each worth 0.5%. Best 10 of 11.
Perform Exercises	11	20%	Each worth 2%. Best 10 of 11. (1% for PCRS component and 1% for MarkUs component)
Assignments	3	28%	A1 (8%), A2 (10%), A3 (10%)
Research Activities	4	2%	Earn 2% by completing **all 4** of these online research activities.
Midterm Test	1	15%	To be held on Wednesday February 16
Final Assessment	1	30%	To be scheduled in the final assesment period

Please make sure you have reviewed the **[Course Policies for Technical Issues](#)** regarding CSC108.

PCRS: Prepare, Rehearse, Perform

- Also see: **[PCRS](#)**

Prepare (5%)	We will post lecture videos and problems that cover the course topics for the upcoming week. After watching the videos and working through the problems, you must complete the Prepare exercise.

	Each Prepare exercise is worth 0.5% (best 10 of 11) and is due each Monday by 10:00 am.
Rehearse	Next, you will practice applying the concepts covered in the Prepare videos by completing activities of various kinds and working through more complex examples.
	You'll practice the material during your lecture time with the support of your instructor and teaching assistants. These activities are not for course credit, but are designed to help you get the practice you need to successfully complete the Perform exercises.
Perform (20%)	Finally, using the PCRS and MarkUs, you'll complete a Perform exercise based on material covered in the Prepare and Rehearse phases.
	Each Perform exercise is worth 2% (best 10 of 11) and is due Friday by 5:00 pm.

Lectures and Office Hours

- Orientation: **Learning Online with Zoom**
- Schedule: **Office Hours**

Lectures: Until we are permitted to return to lecture halls, our lectures will be hosted online on Zoom. Students enrolled in a synchronous lecture section have a "seat" for them in the online meeting for that section. At this point, we cannot accommodate students attending lecture sections other than the one they are enrolled in. If this changes, we will let you know.

Please make sure you have reviewed the guidelines for participating in an online course **here**.

Office Hours: Office hours will be hosted online on Zoom.

Video Recording and Sharing policy

This course, including your participation, will be recorded on video and will be available to students in the course for viewing remotely and after each session. Course videos and materials belong to your instructor, the University, and/or other source depending on the specific facts of each situation, and are protected by copyright. In this course, you are permitted to download session videos and materials for your own academic use, but you should not copy, share, or use them for any other purpose without the explicit permission of the instructor. For questions about recording and use of videos in which you appear please contact your instructor.

Term Tests

The midterm test will cover material from lectures, exercises, and assignments. The midterm test will be completed online. More information about the midterm test will be provided closer to the test date. The midterm test will be held on: Wednesday February 16th.

Final Assessment

The final assessment covers the whole course, and takes place, naturally enough, after classes are over. The final assessment will be completed online and will be held during the final assessment period. More details on the final assessment will come later in the term.

Assignments

The due dates for assignments are:

- Assignment 1: Thursday, February 3rd before 5:00 pm (Toronto Time)
- Assignment 2: Thursday, March 10th before 5:00 pm (Toronto Time)
- Assignment 3: Thursday, March 31st before 5:00 pm (Toronto Time)

The assignments will be submitted electronically, using MarkUs. You will log in using your UTORid and password. To submit your work:

1. Navigate to the MarkUs page for the particular assignment
2. Click on the "Submissions" tab near the top.
3. Click "Add New File" and use the "Choose Files" button to choose a file.
4. Click "Submit". You can submit a new version of a file later (before the deadline, of course).

Once you have submitted, click on the file's name to check that you submitted the correct version!

Assignments: Late Penalty

We recognize that unexpected problems sometimes make it difficult to submit assignments on time. For this reason, we will accept limited late assignments with a penalty. There is a 12 minute grace period after the assignment is due in which no late penalty is applied. For the next 10 hours, the late penalty will be 1% (of the total possible mark) per every 6 minutes (or part thereof).

See **Special Consideration** for what to do in case of serious emergencies.

Academic Integrity

All of the work you submit must be done by you, and your work must not be submitted by someone else. Plagiarism is academic fraud and is taken very seriously. The department uses software that compares programs for evidence of similar code. Please read the Rules and Regulations from the U of T Governing Council (especially the Code of Behaviour on Academic Matters):
http://www.governingcouncil.utoronto.ca/policies/behaveac.htm (http://www.governingcouncil.utoronto.ca/policies/behaveac.htm)

Please also see the information for students from the **Faculty of Arts and Science Office of Student Academic Integrity (https://www.artsci.utoronto.ca/current/academic-advising-and-support /student-academic-integrity)** .

Please don't copy someone else's work. We want you to succeed and are here to help. Here are a couple of general guidelines to help you avoid plagiarism:

- Never look at another student's assignment solution, whether it is on paper or on the computer screen. Never show another student your assignment solution, including by pasting parts of it into a group chat. This applies to all drafts of a solution and to incomplete solutions. If you find code on the web that solves part or all of an assignment, do not read, use, or submit any part of it! A large percentage of the academic offenses in CS involve students who have never met, and who just happened to find the same solution online. If you find a solution, someone else will too.

- For tests and assignments, do not seek solutions online, or help outside of the CSC108 course staff. For example, do not post or look at posting on sites like Chegg. These sites contribute to a large number of our academic offense cases each term.
- Online tutors are also often problematic, as they often cross the line and tell students what code to write - and then work with multiple students who all end up submitting nearly identical code.

- The easiest way to avoid plagiarism is to only discuss a piece of work with the CSC108H TAs or the CSC108H instructors.

Accessibility Needs

The University of Toronto is committed to accessibility. If you require accommodations or have any accessibility concerns, please visit **Student Life | Accessibility Services (https://studentlife.utoronto.ca/department/accessibility-services/)** as soon as possible.

Students who require accommodations for online tests need to register with **Accommodated Testing Services (https://lsm.utoronto.ca/ats/)** . We will only be providing test accommodations sent to us through ATS.

Special Consideration

Students experiencing illness or other emergencies that prevent them from being able to complete homework on time, or write the midterm, can apply to the Course Coordinator for special consideration. You will be required to affirm that you are abiding by the **Code of Behaviour on Academic Matters** **(http://www.governingcouncil.utoronto.ca/Assets /Governing+Council+Digital+Assets/Policies/PDF/ppjun011995.pdf)** , in particular that it is an offence

> *to engage in any form of cheating, academic dishonesty or misconduct, fraud or misrepresentation not herein otherwise described, in order to obtain academic credit or other academic advantage of any kind*

That is, that you are truly experiencing an emergency, and acknowledge that to falsely claim so is an academic offence. Applying does not guarantee that you will be granted special consideration.

To apply for special consideration in CSC108, complete the Special Consideration Request Form (To Be Added Later in the Term) and email it to the course account (**csc108-2022-01@cs.toronto.edu (mailto:csc108-2022-01@cs.toronto.edu)**) *from your UofT email address*. You will receive an email response to your request within 1-2 business days.

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.

Marking Review Requests

Mistakes sometimes happen when marking. If you feel there is an issue with the marking of your work, you may request that the marking be reviewed. Marking review requests are accepted for two weeks after work has been returned, and will be completed before the final grades are submitted at the end of the term. You must give a specific reason for each request, referring to a possible error or omission by the marker. Marking review requests without a specific reason will not be accepted.

Instructions for requesting a marking review will be posted once the submitted work has been marked.

Course Summary:

Date	Details	Due
Mon Jan 17, 2022	📅 **[Prepare Exercise due (https://q.utoronto.ca /calendar?event_id=502368& include_contexts=course_249645)](https://q.utoronto.ca/calendar?event_id=502368&include_contexts=course_249645)**	10am
Fri Jan 21, 2022	📅 **[Perform Exercise due (https://q.utoronto.ca /calendar?event_id=502379& include_contexts=course_249645)](https://q.utoronto.ca/calendar?event_id=502379&include_contexts=course_249645)**	5pm
Mon Jan 24, 2022	📅 **[Prepare Exercise due (https://q.utoronto.ca /calendar?event_id=502369& include_contexts=course_249645)](https://q.utoronto.ca/calendar?event_id=502369&include_contexts=course_249645)**	10am
Fri Jan 28, 2022	📅 **[Perform Exercise due (https://q.utoronto.ca /calendar?event_id=502380& include_contexts=course_249645)](https://q.utoronto.ca/calendar?event_id=502380&include_contexts=course_249645)**	5pm
Mon Jan 31, 2022	📅 **[Prepare Exercise due (https://q.utoronto.ca /calendar?event_id=502370& include_contexts=course_249645)](https://q.utoronto.ca/calendar?event_id=502370&include_contexts=course_249645)**	10am
Thu Feb 3, 2022	📅 **[Assignment 1 due (https://q.utoronto.ca /calendar?event_id=502405& include_contexts=course_249645)](https://q.utoronto.ca/calendar?event_id=502405&include_contexts=course_249645)**	5pm
Fri Feb 4, 2022	📅 **[Perform Exercise due (https://q.utoronto.ca /calendar?event_id=502381& include_contexts=course_249645)](https://q.utoronto.ca/calendar?event_id=502381&include_contexts=course_249645)**	5pm
Mon Feb 7, 2022	📅 **[Prepare Exercise due (https://q.utoronto.ca /calendar?event_id=502371& include_contexts=course_249645)](https://q.utoronto.ca/calendar?event_id=502371&include_contexts=course_249645)**	10am

Date	Details	Due
Fri Feb 11, 2022	🗓 **Perform Exercise due (https://q.utoronto.ca /calendar?event_id=502382& include_contexts=course_249645)**	5pm
Mon Feb 14, 2022	🗓 **Prepare Exercise due (https://q.utoronto.ca /calendar?event_id=502372& include_contexts=course_249645)**	10am
Wed Feb 16, 2022	🗓 **Midterm Test (https://q.utoronto.ca /calendar?event_id=502408& include_contexts=course_249645)**	12am
Fri Feb 18, 2022	🗓 **Perform Exercise due (https://q.utoronto.ca /calendar?event_id=502383& include_contexts=course_249645)**	5pm
Mon Feb 28, 2022	🗓 **Prepare Exercise due (https://q.utoronto.ca /calendar?event_id=502373& include_contexts=course_249645)**	10am
Fri Mar 4, 2022	🗓 **Perform Exercise due (https://q.utoronto.ca /calendar?event_id=502384& include_contexts=course_249645)**	5pm
Mon Mar 7, 2022	🗓 **Prepare Exercise due (https://q.utoronto.ca /calendar?event_id=502374& include_contexts=course_249645)**	10am
Thu Mar 10, 2022	🗓 **Assignment 2 due (https://q.utoronto.ca /calendar?event_id=502406& include_contexts=course_249645)**	5pm
Fri Mar 11, 2022	🗓 **Perform Exercise due (https://q.utoronto.ca /calendar?event_id=502385& include_contexts=course_249645)**	5pm

Date	Details	Due
Mon Mar 14, 2022	🗓 **Prepare Exercise due (https://q.utoronto.ca /calendar?event_id=502375& include_contexts=course_249645)**	10am
Fri Mar 18, 2022	🗓 **Perform Exercise due (https://q.utoronto.ca /calendar?event_id=502388& include_contexts=course_249645)**	5pm
Mon Mar 21, 2022	🗓 **Prepare Exercise due (https://q.utoronto.ca /calendar?event_id=502376& include_contexts=course_249645)**	10am
Fri Mar 25, 2022	🗓 **Perform Exercise due (https://q.utoronto.ca /calendar?event_id=502389& include_contexts=course_249645)**	5pm
Mon Mar 28, 2022	🗓 **Prepare Exercise due (https://q.utoronto.ca /calendar?event_id=502377& include_contexts=course_249645)**	10am
Thu Mar 31, 2022	🗓 **Assignment 3 due (https://q.utoronto.ca /calendar?event_id=502407& include_contexts=course_249645)**	5pm
Fri Apr 1, 2022	🗓 **Perform Exercise due (https://q.utoronto.ca /calendar?event_id=502390& include_contexts=course_249645)**	5pm
Mon Apr 4, 2022	🗓 **Prepare Exercise due (https://q.utoronto.ca /calendar?event_id=502378& include_contexts=course_249645)**	10am
Fri Apr 8, 2022	🗓 **Perform Exercise due (https://q.utoronto.ca /calendar?event_id=502392& include_contexts=course_249645)**	5pm