

Overview

Welcome to CSC108H! 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 course website is at: <http://www.cdf.toronto.edu/~csc108h/winter>

The website is required reading. It contains important information: assignment handouts, the policy on missed work, an online discussion forum, and more. You are responsible for all announcements made in lecture and on the discussion forum. Any announcements will be clearly marked.

The textbook, *Practical Programming (2nd ed): An Introduction to Computer Science Using Python 3*, is available as an eBook at: <http://pragprog.com/book/gwpy2/practical-programming>

Instructor Information

Instructor	Tom Fairgrieve (coordinator)	Craig Hagerman
Office	BA 4230	BA 4261
Office Hours	See course website	See course website
Email	tff@cs.toronto.edu	hagerman@cs.toronto.edu
Lecture Sections	L0201 MWF 10–11 in HS 610 L5101 W 6–9 in MS 3154	L0101 (Online)

For electronic communication, please use email from your UTOR address for personal issues and the discussion forum to ask general course-related questions. For email, include “108” in the subject line and sign your full name.

Tom is the course coordinator, which means that he deals with all administrative issues: missed work, problems with your grades, problems with assignment partners, the course website, and TA issues.

Marking Scheme

Work	Weight	Comment
Prepare Exercises (11)	5%	Each worth 0.5%. By start of week (weeks 2–12); best 10 of 11
Perform Exercises (10)	9%	Each worth 1%. By end of week (weeks 2–5,7–12); best 9 of 10
Assignments (3)	21%	A1 is worth 5%; A2 and A3 are each worth 8%
Midterm Test	15% (L0101: 5%)	
Final Exam	50% (L0101: 60%)	You must get 40% or above on the exam to pass the course; otherwise, your final course grade will be no higher than 47%.

Prepare, Rehearse, Perform

Each week, you will use an online tool called the Programming Course Resource System (PCRS) to view course materials and complete exercises. The weekly tasks are divided into three phases:

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 Sunday by 10:00pm.
Rehearse	Next, you will practice applying the concepts covered in the lecture videos by completing activities of various kinds and working through more complex examples. On-campus: During lecture, you’ll practice the material with the support of your instructor and teaching assistants. (CSC108H is being run as an <i>inverted class</i> .) Online (L0101): Using the PCRS, you’ll practice the material with the support of explanatory videos, your instructor, and teaching assistants.
Perform (9%)	Finally, using the PCRS, you’ll complete a Perform exercise based on material covered in the Prepare and Rehearse phases. Each Perform exercise is worth 1% (best 9 of 10) and is due Friday by 6:00pm (exception: the last Perform exercise is due Thu 2 Apr).

Midterm and
Exam

The midterm test will take place on Wednesday 11 February and will cover material from lectures, exercises, and assignments. For sections L0201, and L5101, the test will be written in your lecture timeslot at locations that will be announced on the course website. For L0101, the test will be written using Blackboard.

The final exam covers the whole course, and takes place, naturally enough, after classes are over.

Assignments

Assignment 1 must be completed alone. For Assignments 2 and 3, you are permitted, and in fact encouraged, to work with a partner. For policies on declaring partnerships, instructions for submitting work, tips on working with a partner, and information on dissolving partnerships, see the course website.

Assignment handouts will be available on the course website. Late penalties will be applied as follows. For the first five hours, the deduction will be 5% per hour. For each hour above five hours, the deduction will be a further 15% per hour. After 9 hours, assignments will not be accepted. See the course website Assignments page for an hourly breakdown of the late policy and the Forms page for what to do in case of serious emergencies.

Term
Schedule

Week	M–F Dates	Course Work	Reminders
1	05-09 Jan	Check out the PCRS.	Classes start! Yippee!
2	12–16 Jan	Prepare (Sun 10pm); Perform (Fri 6pm)	Sun 18 Jan: Last day to add courses
3	19–23 Jan	Prepare (Sun 10pm); Perform (Fri 6pm)	
4	26–30 Jan	Assignment 1 (Tue 10pm) Prepare (Sun 10pm); Perform (Fri 6pm)	
5	02–06 Feb	Prepare (Sun 10pm); Perform (Fri 6pm)	
6	09–13 Feb	Midterm Test: Wed 11 Feb Prepare (Sun 10pm); No Perform due!	Fri 13 Feb: Exam timetable posted
	16–20 Feb	Reading Week (no lectures)	
7	23–27 Feb	Prepare (Sun 10pm); Perform (Fri 6pm)	
8	02–06 Mar	Prepare (Sun 10pm); Perform (Fri 6pm)	Sun 8 Mar: Last day to drop courses
9	09–13 Mar	Assignment 2 (Tue 10pm) Prepare (Sun 10pm); Perform (Fri 6pm)	
10	16–20 Mar	Prepare (Sun 10pm); Perform (Fri 6pm)	
11	23–27 Mar	Prepare (Sun 10pm); Perform (Fri 6pm)	
12	30 Mar–03 Apr	Assignment 3 (Tue 10pm) Prepare (Sun 10pm); Perform (Thu 6pm)	No class on Fri 3 Apr (Good Friday) Classes end! Yippee!

Academic
Offenses

All of the work you submit must be done by you (A1, all Exercises) and your partner (A2, A3) only, 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>

Please also see the information for students from the Office of Student Academic Integrity:

<http://www.artsci.utoronto.ca/osai/students>

Please don't cheat. 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 group's assignment solution, whether it is on paper or on the computer screen. Never show another student (other than your partner) your assignment solution. This applies to all drafts of a solution and to incomplete solutions.
- The easiest way to avoid plagiarism is to only discuss a piece of work with your partner, the CSC108H TAs, the CS Help Centre 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 <http://www.accessibility.utoronto.ca> as soon as possible.