

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.teach.cs.toronto.edu/~csc108h/summer>

The website is required reading. It contains important information: assignment handouts, the policy on missed work, links to the online discussion forum (Piazza) and the announcements page (Blackboard), and more. You are responsible for all announcements made in lecture and on Blackboard.

The textbook, *Practical Programming (3rd ed): An Introduction to Computer Science Using Python 3*, is available as an eBook at: <http://pragprog.com/book/gwpy3/practical-programming>

Instructor Information

<b>Instructor</b>	Mark Kazakevich	Lisa Zhang
<b>Office Hours</b>	See course website	
<b>Email</b>	csc10818y@cs.toronto.edu	
<b>Lecture Sections</b>	L0101 R 1-4 in LM 159	L5101 R 6-9 in WB 116

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.

Both Mark and Lisa will deal with course administrative issues: missed work, problems with your grades, the course website, and TA issues. The email above will reach both of us.

Marking Scheme

Work	Weight	Comment
Prepare Exercises (11)	5%	Each worth 0.5%. <b>Before</b> lecture (weeks 2–12); best 10 of 11
Perform Exercises (10)	9%	Each worth 1%. <b>After</b> lecture (weeks 3–5,7–12+); best 9 of 10
Assignments (3)	21%	A1 is worth 5%; A2 and A3 are each worth 8%
Midterm Test	15%	
Final Exam	50%	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:

<b>Prepare (5%)</b>	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 Wednesday by 12:00pm (noon).
<b>Rehearse</b>	Next, you will practice applying the concepts covered in the lecture videos by completing activities of various kinds and working through more complex examples. 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> .)
<b>Perform (9%)</b>	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 the following Monday by 12:00pm (noon).

Midterm and Exam

The midterm test will take place on **Thursday 14 June** and will cover material from lectures, exercises, and assignments. Note that the test will be written in your lecture timeslot, at location(s) that will be announced on the course website. **You must write in the lecture section you are registered in.**

The final exam covers the whole course, and takes place, naturally enough, after classes are over. The date of the exam is set by the Faculty of Arts & Science, and will be available in July.

Assignments

Like the exercises, all three assignments must be completed alone (no partners). Instructions for submitting work are posted on the course website.

Assignment handouts will be available on the course website. Late penalties will be applied as follows: There is a one hour grace period in which no late penalty will be applied. For the next five hours, the deduction will be 5% per hour. For each hour above six hours, the deduction will be a further 15% per hour. After 11 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	07–11 May	Check out the PCRS.	First class! Wahoo!
2	14–18 May	Prepare (Wed 12pm);	Sun 13 May: Last day to add courses
3	21–25 May	Perform (Mon 12pm); Prepare (Wed 12pm)	
4	28 May–01 Jun	Assignment 1 (Tue 10pm) Perform (Mon 12pm); Prepare (Wed 12pm)	
5	04–08 Jun	Perform (Mon 12pm); Prepare (Wed 12pm)	
6	11–15 Jun	<b>Midterm Test: Thu 14 Jun</b> No Perform due!; Prepare (Wed 12pm)	
	18–22 Jun		No classes
	25–29 Jun		No classes
7	2–6 Jul	Perform (Mon 12pm); Prepare (Wed 12pm)	
8	9–13 Jul	Assignment 2 (Tue 10pm) Perform (Mon 12pm); Prepare (Wed 12pm)	
9	16–20 Jul	Perform (Mon 12pm); Prepare (Wed 12pm)	Mon 16 Jul: Last day to drop courses
10	23–27 Jul	Perform (Mon 12pm); Prepare (Wed 12pm)	
11	30 Jul–3 Aug	Perform (Mon 12pm); Prepare (Wed 12pm)	
12	6–10 Aug	Assignment 3 (Tue 10pm) Perform (Mon 12pm); Prepare (Wed 12pm)	Last class! Yippee!
12+	13–17 Aug	Perform (Mon 12pm)	Course ends!

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>

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

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

Please don't copy. 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. 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 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.
- The easiest way to avoid plagiarism is to only discuss a piece of work with 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.