

Overview

Welcome to CSC120H, Computer Science for the Sciences. This course is intended for students in other sciences, with an emphasis on the skills you need to write reliable, efficient programs for tasks such as analyzing data. There is a two-hour lecture every week, and six two-hour labs roughly every other week. Outside classroom hours, there are three assignments and eleven short exercises.

The course has been moved to accommodate more students. Lectures will be in **Sidney Smith Hall, room 1085**.

Instructor information

Section	Instructor	Office	Email	Office Hours
L5101	Jim Clarke	BA 4258	clarke@cs.utoronto.ca	M 5-6 ^a

^aOr by appointment. Please ask!

Marking scheme

Work	Weight	Comment
CodeLab (11)	5%	0.5% each; best 10 of 11
Labs (6)	6%	1% each
Assignments (3)	29%	A1: 9%, A2: 10%, A3: 10%
Midterm test	15%	a one-hour test written during the lecture time slot
Final exam	45%	You must get 40% or more on the exam to pass the course; otherwise, your final course grade will be no higher than 47.

What to buy

These items are required for this course:

- *Practical Programming: An Introduction to Computer Science* by Campbell, et. al. (Pragmatic Bookshelf, 2009). It is available at the bookstore, and also online in paper and/or electronic form at: <http://pragprog.com/titles/gwpy/practical-programming>
- CodeLab: A registration key from <http://www.tcgo1.com> or <http://www.tcgo2.com>. This costs U.S. \$25, though you don't need to pay for it immediately. You will need the Section Access Code: TORO-7168-FHJQ-11. See the course web site for more details.

Web site

The course web site is <http://www.cdf.utoronto.ca/~csc120h/winter>

The website contains important information: assignment handouts, the policy on missed work, a discussion board, and more. You are responsible for all announcements made in lecture and on the discussion board. We will occasionally send a crucial course announcement to your UTORonto.ca email address. Be sure to register your UTOR email address on ROSI and to read your UTOR email.

Email and discussion board

Please use the discussion board to ask general course-related questions; use email for personal issues. We try to respond by the end of the next working day, but that may not be possible on weekends and near due dates. Email and posts sent within 24 hours of a due date may not get a timely response, so ask your questions well in advance.

Please include "CSC120" in all email subject lines lest your message accidentally be filed as spam. An informative subject line like "CSC120: appointment Mar 5 or 6" really helps.

Labs

There are six labs, during weeks 2, 4, 6, 7, 9 and 11. These are the "tutorials" that you signed up for on ROSI. The labs will be held in **Bahen 3185** and are done with a partner. To earn the 1% for a lab, you must arrive on time, work hard, and make significant progress on the exercises during the lab.

CodeLab

There are 11 sets of CodeLab exercises. These are due on Tuesdays by 9 a.m. They are marked out of two. To earn one mark, you must attempt all the exercises and get at least 75% of them correct. For example, if there are 10 exercises, then you must attempt all 10 exercises and get at least 8/10 correct, and if there are 3 exercises, then you must attempt all 3 exercises and get all 3/3 correct. To earn the second mark, you must get all the exercises correct. You may attempt questions more than once, with some restrictions. (See the course website for details.)

Assignments

You are permitted, and in fact encouraged, to work with a partner on your assignments. You may work with a different partner each assignment. We expect that partners working together will use a team-programming approach similar to the one used in labs. Splitting the work and performing the tasks separately will not help prepare you for the tests and final exam.

In extreme cases, you may wish to dissolve your partnership. To dissolve your partnership, contact your instructor and partner by email and be prepared to meet with the instructor during office hours.

Assignment handouts will be available on the course website. Assignments are due at 2:00pm sharp on the specified day, not 2:10pm. Late assignments will **not** be accepted. See the course web site (under Forms) on what to do in case of serious emergencies.

Test and final exam

There is one midterm test. It will take place during the usual lecture time slot and in the usual lecture room. The test will cover material from lectures, labs and assignments up to that point in the course.

The final exam will cover material from the entire course. It will take place after classes are over. The final exam schedule is usually posted here in February:

<http://www.artsci.utoronto.ca/current/undergraduate/exams>

Academic offences

All the work you submit must be your own, and your work must not be submitted by someone else. Plagiarism is academic fraud and is taken seriously. The department uses software that compares Python programs for evidence of similar code. Please read the Rules and Regulations from the U of T Calendar (especially the Code of Behaviour on Academic Matters):

<http://www.artsandscience.utoronto.ca/ofr/calendar/rules.htm>

Please don't cheat. It is unpleasant for everyone involved, including us.

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.
- The easiest way to avoid plagiarism is to avoid discussing the assignment with anyone except the CSC120H TAs, the CDF Help Centre TAs, or your instructor.

Schedule for the term

Week	Dates	Course Work	Labs	Reminders
1	9–13 Jan			Mon 9 Jan: Classes start
2	16–20 Jan		L1	Mon 23 Jan: Last day to add courses
3	23–27 Jan			
4	30 Jan – 3 Feb		L2	
5	6–10 Feb	A1 due Thu 9 Feb, 2:00 p.m.		
6	13–17 Feb		L3	
	20–24 Feb	<i>Reading Week</i>		
7	27 Feb – 2 Mar	Test, during the lecture	L4	
8	5–9 Mar	A2 due Thu 8 Mar, 2:00 p.m.		Sun 11 Mar: Last day to drop S courses
9	12–16 Mar		L5	
10	19–23 Mar			
11	26–30 Mar		L6	
12	2–5 Apr	A3 due Thu 5 Apr, 2:00 p.m.		