Welcome to CSC108!

Anonymous Feedback

"Do you recommend bringing laptops to lectures in order for us to follow along with you?

Or is it better to take notes, sit and listen?"

- Students have used both techniques successfully.

- Personally, I would get more value observing, thinking, and taking notes about *activities to try on my own*.

- However, you can also try working on some of the activities live, in parallel.

Laptop Etiquette

- Some people have trouble focusing with the sound of typing nearby or with a screen in view.

- There's also the issue of cords, if you need to plug your device in.

- To be courteous, if you choose to use a laptop, please sit on the sides or at the rear of the room.

Coming Up

- Tuesday @ 10: Wed Prep due in PCRS

- Wednesday: Class in CC1080
  Arithmetic Expressions
  Intro to Variables

- Thursday @ 10: Wed Review and Fri Prep due

- Friday: Class in DV2105F
  Built-in Functions
  Intro to Functions

Today

- Administrative details, mostly

- If time allows, a quick intro to Python

This Course

- Teaches the basics of programming in Python

- Is intended for students with no programming experience

- 3 lecture hours per week

- Optional, 2-hour practical each week
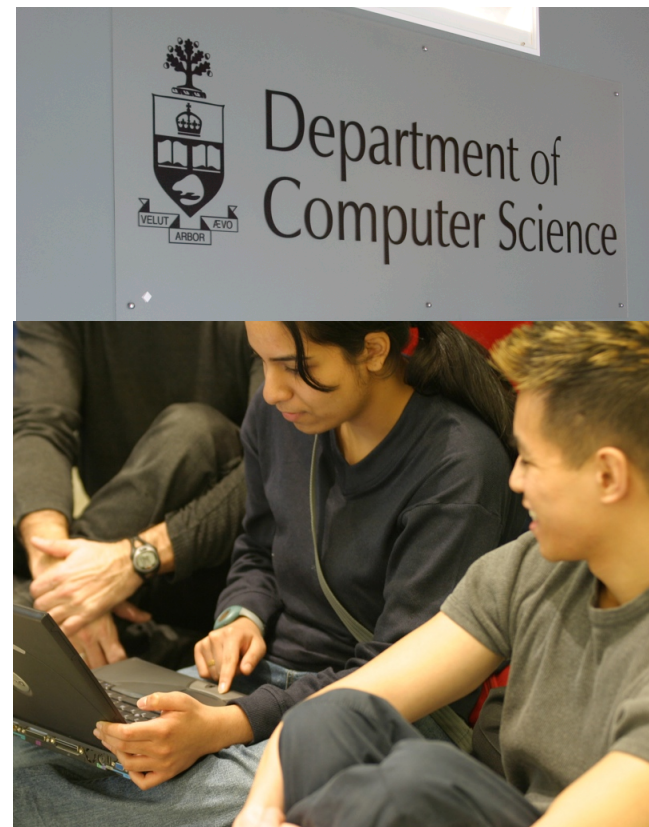
What's CSC108 About?

By the end of the course, you will ...

- know most ![python] instructions

- be able to analyze human problems and write Python programs that solve them

- have a sense of what computer scientists do

- have an appreciation for how computer science research applies to fields such as medical science, astronomy, physics, and bioinformatics

If you don't remember anything else today ...

The course webpage links to everything you need in this course.

Getting Help

- Office hour after every lecture (and other instructors)

- Practical sessions (16 hours each week!)

- Online discussion board

  - Linked from course webpage

- Email is primarily for administrative issues

  - Please read and post on the discussion board first

  - If you have a specific question about your own code, you may email it, but be aware that it will be 1-3 days until you receive a response!

- Don't spin your wheels -- ask for help!

What to Buy

- The textbook:
  Python for Everyone, Horstmann and Necaise.

- ... nothing else. The software is all available for free.

- It is installed on the machine on campus, and links to the software are posted on the webpage, if you wish to try to install it on a personal machine.

Coursework Overview

Work		Comment
Daily Work	9%	4% Prep, 5% Review: checking for completeness
Weekly Exercises	4%	Best 8 of 9
Assignments	21%	4%, 8%, 9%: all individual work
Tests	21%	6% right after Assignment 1, 15% at the midterm
Final exam	45%	You must get ≥ 40% to pass 108

Daily and Weekly Work

- All of the daily and weekly work is due in PCRS.

  - PCRS was built at U of T, by second and third year students. It hosts video (thanks, Paul and Jen!) and exercises.

- Daily work is either *prep* or *review*. This work is not marked for correctness: simply completing the work earns you credit.

- Weekly work is marked and is due on Sunday night.

Why so much work?!?!?!?!?!?!

- This course requires frequent, small amounts of practice.

- The daily work serves two purposes:

  - Being prepared means you will get the most out of lecture.

  - If you fall behind, the daily work will help you realize that you need to get help from a TA or me.

Assignments

- Assignment handouts: will be posted on website

- Due on the given date at 10:00 pm (sharp)

- Submitted electronically via MarkUs -- more info forthcoming
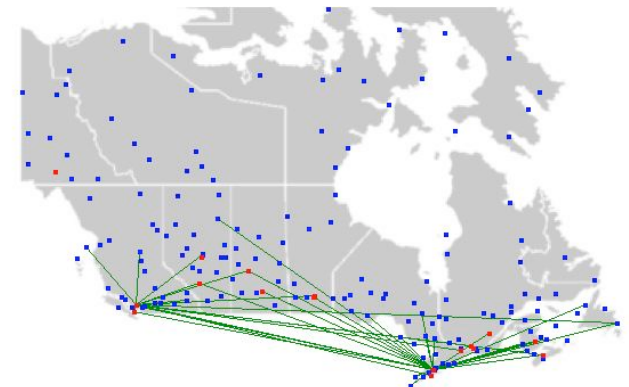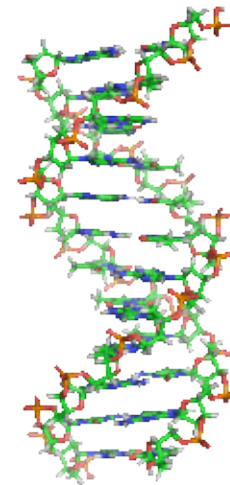
The Fine Print

- No late assignments will be accepted.
  - If you can't finish the assignment, you can earn part marks for a good partial solution.
  - Of course, illness and other disasters are another matter; contact me asap.

- If you believe something was mis-marked, bring the assignment or test to me in office hours.
  - Be prepared for the entire assignment to be reviewed and potentially remarked.

Tests

- Both tests are held during the tutorial section @ 5:00 on a Friday

  - Assignment 1 Quiz on Oct 3

  - Midterm on Oct 17

- The exam schedule will be announced in October.

- No partners, no laptops, no calculators for tests!

Practicals and Tutorials

- The practicals are optional. TAs will be on duty to help answer questions about lecture material, exercises, and assignments.

- The practicals start **next week.**

- The tutorial is **not held every week**. We use them for review and will announce them in lecture.

The Final Exam

- Scheduled by the Registrar

    - We can't change it!

    - Don't plan your flights yet.

- All exceptions are handled through the Office of the Registrar

- To pass the course, you must earn a 40% on the exam.

Academic Offenses

- All of the work you submit must be your own and your work must not be submitted by someone else (except your assignment partner)

- The department uses software that compares programs for evidence of similar code

How to Be Good

- To avoid plagiarism:

  - Never look at any other person's work

  - Never show any one else your work

- This applies even to drafts and to incomplete solutions

- Discuss how to solve an assignment only with the course TAs and instructors

Remember!
Class in CCT1080 this Wednesday