CSC326H1F-- Programming Languages, Fall 2009

General information:

Instructor:	Yilan Gu
Contact email:	guyilan@ecf.toronto.edu
Office hours:	Fridays 2:30pm -4:00pm and by appointment
Office hour location:	SF3207
Lectures:	Mondays 11:00am - 12:00pm, BA1240
	Fridays 11:00am – 12:00pm, BA1230
Tutorials:	Fridays 14:00-15:00, SF1012 & SF1013
Course website:	http://www.cs.toronto.edu/~yilan/326f09/

Course objective:

General introduction of modern programming languages, syntax specification and the evolution of programming languages design. The course will also teach Python and two non-procedural programming paradigms: functional programming (illustrated by Scheme) and logic programming (illustrated by Prolog).

Course topics (tentative):

General introduction (1 week), Functional programming in Scheme (3 weeks), Python (4 weeks), Logic programing in Prolog (3 weeks), Review (0.5 week)

Tutorials:

Most weeks, the tutorial hour (Fridays 12-1) will be run as a help session where TAs will be present to answer questions related to the lecture, exercises and labs. Any exceptions to this will be announced in class.

Textbooks:

1. John C. Mitchell, *Concepts In Programming Languages*, Cambridge University Press, 2003. Available online to UofT students.
2. Robert W. Sebesta, *Concepts of Programming Languages*, 9th ed., Addision-Wesley, 2009.

Other recommended materials:

1. R. Kent Dybvig, *The Scheme Programming Language*, 3rd ed., The MIT Press, 2003.
2. Ivan Bratko, *Prolog: Programming for Artificial Intelligence*, 3rd ed., Addison-Wesley, 2001.
3. Mark Lutz, *Learning Python, O'Reilly, 2007.* – When using any Python book, keep in mind that we will be using Python 2.5.
4. Additional online materials pointed on the course website.

Some of the books are on reserve, available for short-term loan in the Engineering and Computer Science Library.

Email Policy:

The email subject should start with "**[CSC326]**". Questions regarding the course materials, labs, tests, etc. should be posed on the bulletin board. Questions will generally be answered within one business day. Questions about labs should be formulated in a way without revealing your solutions. Questions and concerns regarding your personal matters should be directed to the instructor.

Evaluation/Grading:

There will be four labs (worth 9% each), two term tests (10% each), and a final examination (44%). Notice that if you receive **below 33.33%** (after all adjustments) on a final exam, you will automatically fail the course, regardless of your performance during the term. Please check the course website for the exact assignment due dates and quiz dates.

Silent policy:

A silent policy takes effect **24 hours** before a lab is due. This means that no question about the lab will be

answered whether it is asked on the bulletin board, by email, or in person.

Re-mark request:

- Fill in a remark request form, which will be available on the course website.
- Hand in the form and the lab/test to the TA who marked the lab/test or to the instructor (at lecture time or scheduled office hour), who will forward it to a TA.
- You may not submit a remarking request later than *two weeks* from the date on which the assignments were returned. It's your responsibility to pick up your work as soon as possible.
- *Mark can decrease if the TA finds something that was incorrectly awarded too high a mark.*
- If you are still not satisfied after getting back your remarked assignment (or after having a meeting with the marker), contact your instructor to discuss your situation.

Lateness, illness, emergencies:

- We will be using a system of **grace days** for late assignments. In the beginning of the term you have 2 grace days. An assignment submitted **within 24 hours** after its deadline uses up one grace day. No late assignments will be accepted after both grace days are used, unless because of special situtaions (please check out the policies below). In addition, according to the UofT policy, no assignments can be accepted after the last day of classes.
- In case of illness or other exceptional circumstances, proper documentation (e.g. a medical certificate in case of illness) must be provided. Note that in case of illness a simple note from your family doctor is **not** sufficient: your doctor must complete the University of Toronto medical certificate. In this case a missed homework or a missed test may be canceled at the discretion of the instructor; marks for a missed homework/quiz will be distributed evenly over the other marked homeworks/tests.
- If you find yourself in other emergency situations, contact your instructor as soon as possible. You may still be required to hand in your labs, but no penalty will be applied with the instructor's approval.

Academic offenses:

- You may discuss ideas and approaches to solving problems posed on labs with other students. However, you are **not** permitted to take any notes during these discussions, nor are you permitted to consult other students' solutions. Searching for a solution on the Internet is a violation of this policy. Sharing work with other students is a violation of this policy.
- If challenged by either a tutor or the instructor, you must be able to reproduce and explain any solution you submit in an oral exam. Failure to observe this policy is an academic offense, carrying a penalty ranging from a zero on a lab or a test to suspension from the university.
- Please read the document at http://www.cs.toronto.edu/~fpitt/documents/plagiarism.html on **Plagiarism** and how to **avoid** it. If you are uncertain about what constitutes plagiarism, talk to your instructor, or get help from the Undergraduate Office. There are serious consequences to plagiarism. See the document at http://www.cs.toronto.edu/~Eclarke/acoffences/ for an explanation of the process for dealing with an offense.

Important dates

Add deadline: Sept. 15, last day to add F and Y courses Arts & Science courses on SWS ROSI.
Sept. 20, last day to add or change F and Y Engineering courses.
Drop deadline: Nov. 3
Last day of classes: Dec. 08
Final exams period: Dec. 09 – 18
Labs/Tests dates: check out the course website