

CSC 324: Principles of Programming Languages
Course Information

Instructor: Gerald Penn
Lectures: (L5101) R 7–9, BA 1170
Office: PT 396B
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Office Hours: M 6–7, W 5–6, or by appointment
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Email with MIME-encoded or HTML message bodies will not be read nor responded to.

Tutorials: R 6, BA 1240 (room tentative)

Assignment	Tutor	% of course grade
A1	Anya Taffiovich	5
A2	Anya Taffiovich	15
A3	Rouzbeh Farahmand	5
A4	Rouzbeh Farahmand	15

Homeworks will be collected **in tutorial only**, or by appointment with the TA for the homework in question.

Textbook:

- Required: Mitchell, *Concepts in Programming Languages*, Cambridge University Press, 2003.
- Recommended: Ullman, *Elements of ML Programming: ML97 Edition*, Prentice Hall, 1998.

Course Web Page: <http://www.cs.toronto.edu/~gpenn/csc324>

Evaluation: There will be four homework assignments (40%), one midterm (15%), and a final exam (45%).

- You must pass the final to pass the course. In other words, if you receive below a 50% (after curve) on the final exam, you automatically fail the course, regardless of your performance on homeworks and the midterm.
- Lateness policy: No late homeworks will be accepted without a signed medical certificate. With a signed medical certificate, a late outstanding assignment may be “cancelled” at the instructor’s discretion, in which case the marks for that piece of work will be distributed over the other marked work for the course in weighted proportion to the other work’s contribution to the course grade. A missed midterm will be cancelled, but again only with a signed medical certificate.
- Silent policy: The TA is not obliged to answer questions posed less than 24 hours before any assignment is due, and is not obliged to answer questions already answered on the newsgroup at any time. Students are encouraged to use the bulletin board for the course to pose their questions.

Policy on collaboration: Collaboration on homeworks and copying from others' homeworks are strictly prohibited - you are permitted to speak only with your tutors and the instructor about the homework. 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 the homework to suspension from the university.

Course Goals: To introduce alternative programming paradigms, and to illustrate principles of modern programming language design.

Prerequisites: (CSC 207/270 and CSC 236/238/240) or permission of instructor; CGPA 3.0 or higher unless enrolled in a CSC subject POST. It is the student's responsibility to ensure that their prerequisite credits have been granted. Transfer students and students awaiting rulings on cases of academic misconduct should take special note of this.

Tentative Syllabus:

- (2 weeks) Formal Specification of Programming Languages
- (4 weeks) Functional Programming: ML
- (3 weeks) Logic Programming: Prolog
- (3 weeks) Design Principles for Programming Languages
- (1 week) Review

Tentative Course Calendar:

Thu, 13 September	First lecture
Thu, 20 September	First tutorial
Sun, 23 September	Last day to add course
Thu, 4 October	A1 due
Thu, 18 October	A2 due
Thu, 25 October	Midterm (8–9 pm)
Sun, 4 November	Last day to drop course
Thu, 8 November	A3 due
Thu, 6 December	A4 due
Thu, 6 December	Last lecture
10–21 December	Final Exam period