

CSC 324: Principles of Programming Languages  
Course Information

**Instructor:** Gerald Penn  
**Lectures:** R 7–9, BA 1220  
**Office:** PT 396B  
**Tel:** (416)978-7390  
**Office Hours:** W 4–5, R 5–6, or by appointment  
**Email:** gpenn@cdf.utoronto.ca

Email with MIME-encoded or HTML message bodies will not be read nor responded to.

**Tutorials:** R 6, BA 1220

<i>Assignment</i>	<i>Tutor</i>	<i>% of course grade</i>
A1	Michael Reimer	14
A2	Justin Ward	14
A3	Zachary Kincaid	14

A1 and A2 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: Cousineau and Mauny, *The Functional Approach to Programming*, Cambridge, 1998.

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

**Evaluation:** There will be three homework assignments (42%), one midterm (18%), and a final exam (40%).

- 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 (order may vary):**

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

**Tentative Course Calendar:**

Thu, 11 September	First lecture
Thu, 18 September	First tutorial
Sun, 21 September	Last day to add course
Thu, 16 October	A1 due
Thu, 23 October	Midterm (8–9 pm)
Mon, 3 November	Last day to drop course
Thu, 13 November	A2 due
Thu, 4 December	Last lecture
Fri, 5 December	A3 due
8–19 December	Final Exam period