

Course Information

Lecturer

Eric Joanis office hour location: TBA
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Office Hours Tuesdays, 1:30–2:30
 Thursdays, 5:00–6:00

Information Sources

The web page: <http://www.cs.utoronto.ca/~csc324h>
or, equivalently: <http://www.cs.utoronto.ca/~joanis/324/f02>
The newsgroup: `ut.cdf.csc324h`

You are responsible for announcements made in lectures or on the course web page, and for reading the on-line course newsgroup.

Lectures and Tutorials

L0101:	Lectures	Tue, Thur	12:10–1:00 pm	BA1190
	Tutorials	Mondays	12:10–1:00 pm	various locations
L5101:	Lectures	Thursdays	7:10–9:00 pm	BA1190
	Tutorials	Thursdays	6:10–7:00 pm	various locations

Tutorials begin the *second* week of term. You must attend the assigned tutorial — or your marks could be mislaid. Please see the course web page to find out your tutorial location and your tutor's name. You can write them down here:

Location: _____ TA: _____

Textbooks etc.

You are required to have:

- Course Textbook: Sebesta, *Concepts of Programming Languages*, 5th ed., Addison-Wesley, 2002.
- Clarke, *A Student's Guide to CDF*, UofT Custom Publishing, 2001.

The following reference books, available at the library for short term loan, may be useful:

- R. Sethi, *Programming Languages: Concepts and Constructs*, 2nd ed., Addison-Wesley, 1996.
- Scheme: Dybvig, *The Scheme programming language: ANSI Scheme*, 2nd ed., Prentice Hall, 1996.
- Scheme: Springer and Friedman, *Scheme and the Art of Programming*, McGraw-Hill/MIT Press, 1989.
- Prolog: Clocksin and Mellish, *Programming in Prolog*, 4th ed., Springer-Verlag, 1994.
- Prolog: Bratko, *PROLOG Programming for Artificial Intelligence*, 3rd ed., Addison-Wesley, 2001.
- Prolog: Sterling and Shapiro, *The Art of Prolog: Advanced Programming Techniques*, 2nd ed., MIT Press, 1994.

Prerequisites

The prerequisites for this course are either CSC148 or CSC150 and either CSC238 or MAT246. If you lack either prerequisite, you will eventually be removed from the course. Only in special cases will I give my permission for a student to take CSC324 without the prerequisites. See me as soon as possible to discuss this.

Course grading scheme

Item	Week	Date	Weight	Comments
Problem Set 1	3	M 22 Sept	3%	Formal Specifications
Problem Set 2	5	M 7 Oct	4%	Scheme
Project 1	7	F 25 Oct	10%	Scheme
Midterm	8	R 31 Oct	20%	In Lecture/Tutorial
Problem Set 3	10	M 11 Nov	4%	Proceduce Design
Problem Set 4	12	M 25 Nov	4%	Prolog
Project 2	13	F 6 Dec	10%	Prolog (No grace days!)
Final Exam		exam period	45%	Three hour exam

All assignments are to be done individually.

On week 8, the day section will have lectures Monday and Tuesday, and the midterm instead of the Thursday lecture. The evening section will have the midterm in tutorial and a regular lecture afterwards. The midterm will cover all material from weeks 1–7.

You must receive at least 40% on the final exam in order to pass this course.

Late Policy

Problem sets are due on Monday at 12:10pm. We will accept them electronically, in the drop box or at the day section tutorials **before tutorial starts**.

Projects are due on Friday at 11:59pm. Project submissions will only be accepted electronically.

Late assignments will be handled based on a system of “grace days”, as follows: Each student begins the term with 2 grace days. An assignment handed in from one minute to 24 hours late uses up one grace day. 24:01 to 48 hours late uses up two grace days. Once you have exhausted your grace days, you cannot hand in anything late for marks.

Note that no grace days will be allowed for Project 2 because it is due on the last day of classes.

The grace days are intended for use in emergencies (e.g., hard drive crash, printer failure or TTC breakdown). Do not use them to buy an extension because of a busy week or you will be out of luck in a true emergency.

If you are at risk of missing a deadline due to a busy week, rather than use your grace days you should hand in a working (and tested) version of a simpler program. This will be easy to do if you have written and debugged a series programs that accomplish more and more of the assigned problem.

Illness

In the event of an illness or other catastrophe, get proper documentation (e.g., medical certificate). But if you have grace days left, use them; if you need those days back later, give your documentation to me at that time.

Other important dates

Sunday Nov 3: last day to drop this course without academic penalty
December 6: last day of classes
December 9–18: exam period

Course Overview

Preliminary schedule—changes will be made as necessary.

Week	Due Monday	Tutorial	Lecture 1	Lecture 2	Due Friday
1 Sep 9–13		N/A	Intro	Formal Specifications	
2 Sep 16–20		Formal Spec.	Formal Spec.	Formal Specifications	
3 Sep 23–27	Problem Set 1	Formal Spec.	Formal Spec.	Functional pr.—Scheme	
4 S 30–Oct 4		Scheme	Scheme	Scheme	
5 Oct 7–11	Problem Set 2	Scheme	Scheme	Scheme	
6 Oct 14–18		N/A	Scheme	Scheme	
7 Oct 21–25		Scheme	Proc. Design	midterm review	Project 1
		(midterm)	Proc. Design	Procedure Design	
8 O 28–Nov 1	Day Section: lecture 1 on Monday, lecture 2 on Tuesday, midterm on Thursday Evening Section: midterm at 6pm, lectures 1 and 2 at 7pm as usual				
9 Nov 4–8		Proc. Design	Prolog	Logic prog.—Prolog	
10 Nov 11–15	Problem Set 3	Prolog	Prolog	Prolog	
11 Nov 18–22		Prolog	Prolog	Prolog	
12 Nov 25–29	Problem Set 4	Prolog	Prolog	TBA	
13 Dec 2–6		Prolog	TBA	review	Project 2