University of Toronto
csc228— File Structures and Data Management, Spring 2000

Course Information Sheet

Lecturer

Diane Horton	office:	Sandford Fleming 2302c	Office Hours:	Tuesdays	1:00–2:00
	phone:	978-6024		Wednesdays	1:00–2:00
	email:	dianeh@cs.utoronto.ca		Thursdays	2:00–3:00

Course web page

`http://www.cs.utoronto.ca/~dianeh/228/00s`

Lectures and Tutorials

Section L0101	Lectures:	Mondays and Wednesdays	10:00 – 11:00	MP 102
	Tutorials:	Fridays	10:00 – 11:00	various locations
Section L0201	Lectures:	Mondays and Wednesdays	3:00 – 4:00	MP 203
	Tutorials:	Fridays	3:00 – 4:00	various locations

See the course web page to find out your tutorial section and its location. You can write them down here:

Location: _____ TA: _____

You must attend the assigned tutorial — or your marks could be mislaid. Don't worry if your intended project partners are in another tutorial; this is in fact an advantage for your group.

Tutorials begin the *second* week of classes. There will probably be an extra lecture in the first week's tutorial slot. This will be confirmed and a location will be given both in class and on the web.

Textbooks etc.

What you need to own.

- *File Structures: An Object-Oriented Approach with C++*, by M.J. Folk, B. Zoellick, and G. Riccardi; Addison-Wesley 1998.
- A book of your choice to use as a language reference for C++. See the web page for some suggestions.

Reference books. You do not need to own these, but may find them useful. All are on reserve in the CS library.

- *The Practise of Programming*, by Kernighan and Pike; Addison-Wesley, 1999.
  An excellent reference on good programming practices.
- *The C++ Programming Language*, by Stroustrop; Addison-Wesley, 1997.
  The standard C++ reference book.
- *Data Structures, Algorithms, and Software Principles in Java*, by T.A. Standish; Addison-Wesley, 1998.
  Chapter 8 introduces B-trees, and chapter 9 discusses hashing.
- *Files and Databases: an Introduction* by P.D. Smith and G.M. Barnes; Addison-Wesley 1988.
  Formerly used as the text for this course.
- *Foundations of Computer Science* by A.V. Aho and J.D. Ullman; W.H. Freeman 1992.
  Chapters 7 and 8 discuss fundamentals of relations and relational databases.
- *A First Course in Database Systems*, by J. Ullman and J. Widom; Prentice Hall, 1997.

Course notices

You are responsible for announcements made in lectures, and for reading the on-line course newsgroup ut.cdf.csc228h.

Course grading scheme

Item		Weight	Date	
Assignment 1	part A +	total:	21 January	(week 3)
	part B	10%	04 February	(week 5)
Assignment 2	part A +	total:	11 February	(week 6)
	part B	15%	03 March	(week 8)
Project	plan	4%	10 March	(week 9)
	presentation	3%	approx. late March	
	report	15%	07 April	(week 13)
	teamwork	3%	always!	
Midterm exam		15%	25 February, in tutorial	(week 07)
Final exam		35%	during the period 17 Apr – 05 May; 3 hours	

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

All programs are to be written in C++. You may use any computer that you like, but you will be required to submit all of your programs electronically, and they must run correctly on the cdf lab.

Assignments are to be done individually, while the project will be done in groups of two or three students.

Late Policy

All assignments are due **at the beginning** of your tutorial; quarter past the hour is late. Late assignments must be handed in to the 228 drop box, beside the old 148 drop boxes.

Late assignments will be handled based on a system of "grace days", as follows: Each student begins the term with 3 grace days. An assignment handed in by 4:00 pm on the due date uses up one grace day; if handed in by 10:00 am the following Monday it uses up 3 grace days. The project plan and final report *cannot* be handed in late. The grace days are intended for use in emergencies (e.g., 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.

The printers are virtually guaranteed to be extremely backed up on the mornings of due dates. This will not be considered grounds for an extension. You are strongly urged to make your printouts the night before.

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

February 14–18:	reading week; no classes
Friday March 3:	last day to drop this course without academic penalty
April 3–7:	last week of classes
Apr 17 to May 5:	final exam period