University of Toronto (St. George Campus)

csc228 - File Structures and Data Management, Winter 2002

Course Information Sheet

Lecturer

Paulo Pacheco

   Office Hours: TBA
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Lectures and Tutorials

Lecture: Mondays and Wednesdays 3:00-4:00 MP202
Tutorial: Friday 3:00-4:00 rooms TBA

There are different tutors and tutorial rooms, check the website to know to whom and where you are assigned.

Note: Tutorials begin the second week of class

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++.

Reference books (you do not need to own these, but may find them useful):

- *C++ Programming Language*, by B. Stroustrup; Addison-Wesley 1997. A thorough (and maybe cryptic) reference text for C++.
- C++ Primer, by Stanley B. Lippman and Lajoie; Addison-Wesley 1998. Thorough and Easy to read, a bit thick though...
- 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, web page, and for reading the on-line course newsgroup. This course section web site will be located at http://www.dgp.toronto.edu/~ppacheco/course/228/ Handouts will be delivered in class/tutorial. If they run out, check the course web page for recent handouts.

Course grading scheme

Item		Date	Weight
Assignment 1	Part A	25 January (week 3)	10%
	Part B	08 February (week 5)	
Assignment 2	Part A	15 February (week 6)	15%
	Part B	08 March (week 8)	
Project	Plan	15 March (week 9)	4%
	Presentation	Approx. late March	3%
	Report	8 April (week 13)	15%
	Team work	Always!	3%
Midterm exam		1 March, in tutorial (week 07); 1hr.	15%
Final exam		End of April, beginning of May (TBA); 3 hours	35%

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 and OS that you like as long as your program runs on the CDF machines. 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. 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 11:00 on the due date uses up one grace day; if handed in by noon 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.

Illness

In the event of an illness or other catastrophe, get proper the 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 18-24: Reading week; no classes

Sunday March 10: last day to drop this course without academic penalty

Friday March 29: Good Friday; University closed

Monday April 8: last week of classes