1

CSC324S Spring 1997

University of Toronto
Department of Computer Science

General Information on

CSC324: Principles of Programming Languages

John Mylopoulos
Department of Computer Science
University of Toronto

Spring 1998

2

CSC324S Spring 1997

General Information

Instructor: John Mylopoulos
Office: Pratt building, room 290G
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Tutors: Shanon Ju
Ray Ortigas
Chen Xuan

Lecture: Tuesday 7-9pm, LM159
Tutorial: Tuesday 6pm, LM159, 123, 155, 157

Marking scheme:

Assignment 1, 2 & 3	15+15+15%
Mid-term test	20%
Final exam	35%

Only assignments 1 and 2 will be accepted late for up to one week with a penalty of 10% to the assignment's grade for each day of delay (including weedend days and holidays).

3

CSC324S Spring 1997

Reading Material

Recommended Text

• Mylopoulos, J, *Lecture Notes on Principles of Programming Languages*, Department of Computer Science, University of Toronto (available at UofT bookstore)

Supplementary Texts

• Winston, P. and Horn, B., *Lisp* , Addison-Wesley, 1989, (third edition).
• Clocksin, W. and Mellish, C., *Programming in Prolog*, Springer-Verlag, 1987.
• Sterling, L. and Shapiro, E. *The Art of Prolog*, MIT Press, 1986.
• Bratko, I., *Prolog Programming for Artificial Intelligence*, Addison-Wesley, (second edition) 1990.
• Budd, T., *An Introduction to Object-Oriented Programming*, Addison-Wesley, 1992.
• Keene, S., *Object-Oriented Programming in Common LISP*, Addison-Wesley, 1989.
• Sethi, R., *Programming Languages: Concepts and Constructs* (second edition), Addison-Wesley, 1989.

4

CSC324S Spring 1997

Schedule

Week		Topic	
1	Jan 6	Introduction, Functional Programming	
2 T	Jan 13	Lisp	
3 T	Jan 20	Lisp	
4 O	Jan 27	Lisp	Assg 1A
5 O	Feb 3	Syntax of Programming Languages	
6 T	Feb 10	Logic Programming; Prolog	Assg 1B
	Feb 17	*** Reading week ***	
7 T	Feb 24	Prolog	Midterm test
8 O	Mar 3	Prolog	Assg 2A
9 O	Mar 10	Prolog	
10 T	Mar 17	Object-Oriented Programming	Assg 2B
11 T	Mar 24	Object-Oriented Programming	
12 O	Mar 31	Object-Oriented Programming	
13 O	Apr 7	Review	
	Apr 10		Assg 3

T - tutorial hour O - tutors' office hour

5

CSC324S Spring 1997

Computer Work

Computer accounts available on CDF machines

Read news using

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rn csc324h
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Assignments due at the beginning of class or tutorial on due date; assignments handed in during the lecture or tutorial will be considered one day late;

Assignments handed in during other week days must be handed in before 5pm, otherwise they count an extra day late

penalty for being late: 10% reduction per day up to 7 days (penalty calculated on actual assignment mark)

All submitted programs are expected to be correct, well documented and convincing (thanks to examples, testing and documentation), and they will be marked on that basis.

6

CSC324S Spring 1997

Warnings

Do not use anyone else's program: to avoid problems, discuss with fellow students only general approaches to assignment solutions; formulate your solution to a given assignment question alone.

Do not interfere with the operation of the computer system, with fellow students' files, accounts or programs.

Do not modify trace/log files except for correcting typos

Punishment for violations to these rules can range from zero in a course assignment to expulsion from the University.

7

CSC324S Spring 1997

Extensions

Extensions to assignment deadlines will only be granted for medical reasons; to qualify for such an extension, you need to present an official doctor's note which clearly states the period during which you were unable to do coursework.