CSC 180
Introduction to Computer Programming
University of Toronto
Fall, 2001

Lecturer: Alan J Rosenthal
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Lectures:

	Section L0101	*Section L0102*
	M 3, GB 221	W 4, MC 252
	W 5, MC 252	R 2, MC 252
	F 12, GB 248	F 1, GB 244

Lecturer office hours (during the term): Mondays 12:30-2:30 and Wednesdays 1:30-2:30, or by appointment.
We may move to a larger room sometimes, in which case I will leave a note on my door.

Course web page (just handouts and schedule): http://www.dgp.toronto.edu/~ajr/180/

Books:
- Textbook: K.N. King, *C Programming: A Modern Approach*. W.W. Norton, 1996.
- Another book (the canonical C reference): Kernighan & Ritchie, *The C Programming Language*, second edition, Prentice-Hall, 1988.
- More on computer science (oldie but goodie): Goldschlager & Lister, *Computer Science: A Modern Introduction*, first or second edition, Prentice-Hall, 1982 or 1988.

Topics: This course is about computer programming. Topics will probably include (in addition to basic computer programming constructs): data types and expressions, modules and top-down design, data representation, external files, searching and sorting, some numerical methods. It will not make you into a qualified computer programmer but it is intended to be a good start.

CSC 180 versus CSC 181

Please ask me if you are not sure whether you should be in CSC 180 or CSC 181. You should be in CSC 180 if you have never written a computer program before (HTML isn't programming); you have only written assembly language or Basic programs; you have never written a computer program from scratch (modifying other people's programs is a valuable skill but doesn't cover everything); or you have never written a program longer than several dozen lines.

However, you should definitely be in CSC 181 if you have written programs in several computer programming languages; you have had a summer or part-time job as a computer programmer; or you have written a large computer program which is used by other people.

(over)

Schedule:

- First lecture September 6th or 7th; first tutorial September 18th; first practical in the week of September 10th.
- Last lecture December 5th; last tutorial December 4th.
- You are assigned to a tutorial section and to a "practical" lab session by the registrar's office.
- See separate handout about lab sessions.
- No calculators will be permitted on the midterms or the exam (they wouldn't help anyway).

Assignments are submitted on the computer itself; you don't hand in any paper, although we will hand you back some paper. Submission instructions are included on the assignment handouts.

Grading scheme:

Assignment 1:	5%	due Thursday October 4 (midnight)
Midterm 1:	15%	mid-October, **different room and time**, TBA
Assignment 2:	5%	due Thursday November 8
Midterm 2:	20%	mid-to-late November, **different room and time**, TBA
Assignment 3:	5%	due Wednesday December 5
Final exam:	50%	as scheduled during the December exam period

Late assignments will only be accepted under exceptional circumstances and with a written explanation. To submit an assignment late, submit it in the usual way and *then* send me an e-mail message or bring me a note. Without that note, I will not even notice the additional submission in the submission directory because we will already have extracted the files.

Assignments will be returned in tutorial. Any disagreements with the grade assigned should normally be submitted to a TA or the lecturer within a week. Regrading requests submitted after that might be taken less seriously unless we made a substantial grading error; as well, you then probably won't get your work back until the very last tutorial.

Work submitted for regrading during the last two weeks of classes will not be returned until *after the final exam*. (You may wish to photocopy it first.)

Collaboration and plagiarism

I would like to encourage you to work on the course material with others, but you *must* take care that it does not turn into plagiarism.

Plagiarism is the representation of someone else's creative work as your own. If you submit an assignment containing someone else's work, this constitutes the academic offence of plagiarism and will be taken very seriously! With course work, in which you are expected to submit something on your own and thus cannot put a collaborator's name on it, the line between collaboration and plagiarism becomes more difficult to draw. Thus we will set the following guidelines:

> ***You may discuss general approaches to assignments with others, but you may not bring your own actual solutions (complete or partial) to such discussions, and you must not take away any written notes*** **from** ***such discussions. In particular, the final write-up of your assignment must be done in isolation from others, and you may not type assignment code into a computer together.***

It is not difficult for graders to detect excessive collaboration. Note that it is also an offence to assist others in committing plagiarism.