

CSC180H1F

Introduction to Computer Programming

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Course Description

A practical introduction to structured programming using the C programming language with the UNIX operating system. The course will include introductions to numerical computing and data structures and their use.

Evaluation Scheme

Percentage	Component
10%	Labs (10)
20%	Assignments (4)
25%	Midterm test
45%	Final exam

Important Dates

Week	Course Work	Other Notes
Sept 8	No assignments or labs.	
Sept 15	Lab #1	Add/substitute deadline: Sept 21
Sept 22	Lab #2	Assignment #1
Sept 29	Lab #3	
Oct 6	Lab #4	Assignment #2
Oct 13		Thanksgiving: Oct 13
Oct 20	Midterm: Oct 23	
Oct 27	Lab #5	
Nov 3	Lab #6	Assignment #3
Nov 10	Lab #7	
Nov 17	Lab #8	
Nov 24	Lab #9	Assignment #4
Dec 1	Lab #10	Last class: Dec 2

Course Website

The home page for this course can be found at
<http://portal.utoronto.ca/>

Class announcements and all handouts, tutorials, and other information will be accessible there. Information will be updated on a regular basis, so check the web site regularly. You may also verify your marks for assignments and tests on the web site. The web site will also serve as home for a bulletin board where you can post questions about course content for discussion with your fellow students. You must not post partial or complete solutions to assignments, or detailed descriptions of solutions, on the course web site. Only TAs and instructors may do this. If you contribute to the bulletin board, remember that it is a public forum; you should not be cluttering it with material that is unrelated to the course, and you should be careful that the content of your posts is not offensive. Be polite and professional!

Required and Recommended Reading

Authors	Title	Publisher	Req'd
K.N. King	<u>C Programming, A Modern Approach (2nd Edition)</u>	Norton	yes
TuringsCraft	<u>CodeLab</u>	www.turingscraft.com	yes

Course Work and Tests

- **Labs:** The practical labs consist of programming exercises in C. They will take place in your assigned lab room, during your designated lab time. Note that there is no lab in Week 1, nor are there any labs during the weeks of the midterm or Thanksgiving. See the section on *CodeLab* for more details.
- **Assignments:** Assignments are due at 11:00pm on the Friday of the specified week. **Late assignments are not allowed**, except under special circumstances that are approved ahead of time with the instructor. A handout describing each assignment will be posted on the web page. The assignments will take a substantial amount of time, therefore it is important to avoid procrastination and **start as early as possible on your assignments**. While lab access and use are possible at any time, teaching assistants (TAs) will be available in your scheduled lab times, to provide assistance with your labs and assignments.
- **Midterm:** The midterm will be closed-book, and will take place in the morning exam period. Room assignments will be specified later in the term.

Remarking requests

For all the assignments, and the midterm: once your assignments/midterm have been marked and distributed in class, you have one week to submit a written remarking

request. You have to use the form provided on the course website and hand it to your instructor at end of class.

CodeLab

CodeLab is a set of online programming exercises in C that you will perform during your lab periods. To sign up for CodeLab, go to <http://www.turingscraft.com> and register with the following Section Access Code:

- Section 1: **TORONT-0396-0**
- Section 2: **TORONT-0211-0**

Make sure to use a name that matches with the name printed on your TCard.

You will be able to submit 10 exercises for free, which should cover Lab #1. However, you must pay for the remaining labs yourself (approx. \$25 US).

Email

Do not expect the instructor to be always available by email. Responses may take 24 hours or more. If you are working on an assignment, try to ask any questions that you may have in advance during office hours (i.e., plan ahead). Questions emailed the night before an assignment is due may not receive a timely response. Email should be used only in cases of emergency, or when you have exhausted all other venues of investigation on your own.

If you must communicate via email, please follow these rules:

- Use your UoT email address.
 - The Subject line must contain "csc180".
 - Shorter messages get faster responses.
 - If you send the instructor a program and ask "what is wrong with it?"- do not expect a reply.
 - No attachments, no HTML, no MIME encoding, no MS Word and no hotmail!
- See <http://www.expita.com/nomime.html> on why and how not to use HTML in email messages, and other email etiquette rules.

Plagiarism

Plagiarism -- or simply, cheating -- is taken to be the handing in of work not substantially the student's own. It is usually done without reference, but is unacceptable even in the guise of acknowledged copying. It is reprehensible, and the penalty ranges from a zero on the assignment to suspension from the university.

It is not cheating, however, to discuss ideas and approaches to a problem, nor is it cheating to seek or accept help with a program or with writing a paper. Indeed, a moderate form of collaboration is encouraged as a useful part of any educational process. Nevertheless, good judgment must be used, and students are expected to present the results of their own thinking and writing. Never copy another student's work -- it is plagiarism to do so, even if the other student "explains it to you first."

Never give your written work to others. Sharing work with others for the purposes of plagiarism is also a violation. Do not work together to form a collective solution, from which the members of the group copy out the final solution. Rather, walk away and recreate your own solution later. The basic premise is that you should do your own thinking, your own design, and your own coding. We will be routinely comparing your code to that of other students for undue similarity.

Silent Policy

A silent policy will take effect 12 hours before an assignment is due. This means that no question will be answered, whether it is asked on the newsgroup, by email or in person.

Illness

In the event of an illness or other catastrophe, get proper documentation (UoT medical note signed by physician).