

CIS*1500: Introduction To Programming

Winter 2021 Course Outline



School of Computer Science

1. Instructional Support

Instructor	Justin Carvalho
Instructor Office Hours	By appointment
Teaching Assistants	Thomas Driscoll (Section 6) Nadeem Howlader (Section 1, 5, 11) Andrew Peng (Section 2, 10) Ori Talmor (Section 7, 8) Stefan Thorburn (Section 3, 4, 9)
Teaching Assistant Office Hours	To be posted on the course website
Email	cis1500@socs.uoguelph.ca

2. Resources

Course materials, slides, news, announcements, and grades will be posted to the CIS*1500 Website accessible on Courselink (<https://courselink.uoguelph.ca/>). Students are expected to check the site regularly.

There are no required textbooks for this course, nor will the course material directly reference any paid resource. *The C Programming Language (2nd Edition, Kernighan and Ritchie)* or *C Programming: A Modern Approach (K. N. King)* can be used as supplementary reading if desired.

During this course, you'll learn the C programming language. It is a very well documented language, with a large number of resources about every topic we'll cover online. I highly encourage you to find your own resources that you find effective for your learning style. You are welcome to use most online resources you find for all assessments (including quizzes) for this course (see section 6.2 for details).

Feel free to request additional learning resources at any time.

3. Course Forums

Please use the course forums for all discussions relating to the course. If you need help with a topic (that's appropriate to discuss publicly), wish to share some online resources you've found with others, or just want to casually chat about programming - please start a thread and post there. Know the answer to someones question? Help them out by posting a reply.

<https://courselink.uoguelph.ca/d2l/le/682097/discussions/List>

4. Assessments and Grading Policies

4.1. Grade Distribution

Assessment	Percentage of Final Grade	Due Date
Quiz 1	10%	Jan 30
Assignment 1	15%	Feb 12
Quiz 2	10%	Feb 27
Assignment 2	15%	Mar 6
Quiz 3	10%	Mar 13
Assignment 3	15%	Mar 20
In-Class Assignment	10%	Apr 8 (during lecture)
Assignment 4	15%	Apr 10

4.2. Grading Policies

Assignment submissions: Assignments must be submitted using Courselink's dropbox. Each assignment will have instructions for the submission process. Assignments that do not follow the submission process will be given a grade of 0.

Assignment extensions: Requests for assignment extensions must be made 48 hours prior to the due date, with a documented reason.

Late assignments/quizzes: Late assignments will not be accepted. Assignments submitted after the due date will be assigned a grade of 0. There are no makeup assignments.

Accommodation of Religious Obligations: If you are unable to meet an in-course requirement due to religious obligations, please email the course email address within two weeks of the start of the semester to make alternate arrangements.

5. Schedule

The following is a tentative schedule of topics for lectures and labs. This schedule may change during the semester.

Week	Lectures	Lab
1	Introduction, Programming	No labs
2	Unix fundamentals, Command line	Using linux computers
3	Introduction to C, Variables	Command line
4	Expressions, Branches	Compiling
5	Logic, Bugs	Writing if statements
<i>Reading Week</i>		
6	Loops	Adv. if statements and assignment help
7	User input, Algorithms	Loops
8	Functions	User Input
9	Arrays	Functions
10	Strings, File I/O	Arrays
11	Structs	Strings and Pointers
12	Recursion, In-class assignment	File I/O

6. Academic Integrity

The University of Guelph is committed to upholding the highest standards of academic integrity and it is the responsibility of all members of the University community faculty, staff, and students to be aware of what constitutes academic misconduct and to do as much as possible to prevent academic offences from occurring. University of Guelph students have the responsibility of abiding by the University's policy on academic misconduct regardless of their location of study; faculty, staff and students have the responsibility of supporting an environment that discourages misconduct.

For educational purposes, instructors impose conditions on assignments that may limit students' permission to collaborate with others or to utilize external sources (including, but not limited to, software, data, images, text, etc.). Any permitted utilization must be done with proper references. Aiding and abetting is a punishable offence; students must be careful not to help others commit offences by giving out solutions or providing to access computer accounts. Instructors may use automated tools to detect possible cases of academic misconduct.

Whether or not a student intended to commit academic misconduct is not relevant for a finding of guilt. Hurried or careless submission of assignments does not excuse students from responsibility for verifying the academic integrity of their work before submitting it. Students who are in any doubt as to whether an action on their part could be construed as an academic offence should consult their instructor.

The Academic Misconduct Policy is detailed in the Undergraduate Calendar: <http://www.uoguelph.ca/registrar/calendars/undergraduate/current/c08/c08-amisconduct.shtml>

6.1. MOSS (Measure of Software Similarity)

All graded submissions will be processed using MOSS (Measure of Software Similarity) software, which is capable of detecting code that has been replicated from another submission or an online resource - even if it has been slightly changed. Submissions with >30% of copied lines of code will be subjected to academic misconduct review.

6.2. Online Resources

You are permitted to use most online resource for assessments as references, provided you cite each one. The following describes which resources are disallowed.

You may not use any resource that provides you with a complete solution to the exact, or similar problem, that was given.

You may not use any communication tools during quizzes or exams.

You may not publicly or privately share solutions, complete or partial, to any assessment.

7. Accessibility

The University promotes the full participation of students who experience disabilities in their academic programs. To that end, the provision of academic accommodation is a shared responsibility between the University and the student.

When accommodations are needed, the student is required to first register with Student Accessibility Services (SAS). Documentation to substantiate the existence of a disability is required, however, interim accommodations may be possible while that process is underway.

Accommodations are available for both permanent and temporary disabilities. It should be noted that common illnesses such as a cold or the flu do not constitute a disability.

More information: www.uoguelph.ca/sas