

CIS*2500: Intermediate Programming

Winter 2016 Course Outline



School of Computer Science

1. Instructional Support

Instructor: Justin Carvalho
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Office hours: By appointment, <https://justincarvalho.youcanbook.me/>

Teaching Assistants: Jerrit Anderson
Kory Bryson
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Jacob Elliott
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Deyvid Mitkov
Spencer Walker
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Office hours: TBA

2. Resources

Course materials, and grades will be posted to the CIS*2500 Website, which can be found at **moodle.socs.uoguelph.ca**. You are responsible for checking the site regularly.

Announcements, and course discussions will take place on the CIS*2500 Forum, which can be found at **forum.socs.uoguelph.ca**. Teaching assistants will frequently moderate the forums, so feel free to ask any questions you may have there. Code that is posted on the forums may not be used as part of any graded work. You are responsible for checking the forum regularly.

There are **no required textbooks**, and the course material will not directly reference any textbook. The C Programming Language (2nd Edition, Kernighan and Ritchie) can be used as supplementary reading if desired.

Lecture and lab notes will not be posted online, nor will they be made available after they are presented. It is expected that you attend all scheduled lecture and lab times, and take notes. You may not record lectures. If you miss a lecture or lab, it is your responsibility to catch up on the material that you have missed.

3. Assessment

Dates and Distribution	
Assignments - 50%	Examinations - 50%
A1 (10%): Jan. 24, 11:55pm A2 (15%): Feb. 14, 11:55pm A3 (15%): Mar. 13, 11:55pm A4 (10%): Apr. 3, 11:55pm	Lab Exam (10%): Week 4 Midterm (10%): Feb. 22, 2015 Final Exam (30%): Apr. 21, 2015
Students must obtain a grade of 50% or higher in the assignment and examination categories in order for that category to be counted towards the final grade.	

Incorrectly submitted, and late assignments will be given a grade of 0%.

There are no exceptions to this rule. Should you require additional time for completion, due to *documented* grounds for granting academic or religious accommodation, a request must be made through email 72 hours prior to the deadline.

Requests for a regrade must be made within 5 business days of the grade being posted. Regrade requests must be made through email, and contain the word **regrade** in the subject line. No modifications to the submitted work will be permitted.

If you miss the lab exam, or midterm due to *documented* grounds for granting academic or religious accommodation, the weight of the missed assessment will be added to the final exam. There will be no makeup midterm or lab exam.

4. Schedule

Below the tentative schedule for lectures, and labs. Please note this schedule may change. Bolded activities are directly related to graded material, and should not be missed.

Week	Lecture	Lab
1	Administration, 1500 Review, Large Project Mgmt	1500 Review
2	Libs & Modularity, Memory, Dynamic Arrays	Git
3	Dynamic Strings, UDTs, Dynamic UDTs	Memory
4	UML Diagrams, Curses, Parsing	Lab Exam

5	Code Reuse, Development Tools, Review	Curses/A2 Help
<i>Reading Week</i>		
6	Midterm , Makefiles, Persistent Data	GDB & Valgrind
7	Algorithm Design, Sorting, Q & A	Makefiles
8	Data Structs, Linked Lists	A3 Help
9	Linked Lists, Test Harnesses	Test Harnesses
10	Void Pointers, Function Pointers	A4 Help
11	Function Pointers, Linked List Q & A, Recursion	A4 Help
12	Review	No Lab

5. 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. All students who take a SOCS course must pass the Academic Integrity Self Test.

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.

Please note: 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>

The SOCS Academic Integrity Unit:
<http://moodle.socs.uoguelph.ca/course/view.php?id=2>, Login with your central login credentials. The password is "imhonest".

6. Accessibility

The University of Guelph is committed to creating a barrier-free environment. Providing services for students is a shared responsibility among students, faculty and administrators. This relationship is based on respect of individual rights, the dignity of the individual and the University community's shared commitment to an open and supportive learning environment. Students requiring service or accommodation, whether due to an identified, ongoing disability, or for a short-term disability should contact Student Accessibility Services (SAS) as soon as possible.

For more information, contact SAS at 519-824-4120 ext. 56208 or email csd@uoguelph.ca or see the website: <http://www.uoguelph.ca/csd/>