COMP 1005/1405
Introduction to Computer Science I
Course Outline for Summer 2020 (Preliminary Version)

Note: This course will be entirely online.

Course Details

Instructor: Jason Hinek
Contact: jason.hinek+s20@carleton.ca

Lectures: Tuesdays & Thursdays, 6:05 - 8:55 (online)
Tutorials: Check your schedule on Carleton Central

Teaching Assistants: A list of teaching assistants and their contact/office hour information will be posted once the course starts.

Course Calendar Description

A first course in programming, emphasizing problem solving and computational thinking. Topics include pseudocode, variables, conditionals, iteration, arrays, objects, functions, sorting, searching, and simulation.

Assessment

<table>
<thead>
<tr>
<th>Assignments: 6 main assignments, 2 midterm assignments</th>
<th>60%</th>
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<tbody>
<tr>
<td>Midterms: two in-class midterms: May 21 and June 4</td>
<td>20%</td>
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<tr>
<td>Final Exam (date to be announced)</td>
<td>20%</td>
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Note: You MUST pass the combined midterms+final to pass the course.
Double Pass Requirement

In order to pass the course, you must pass the combined midterms+final component of the grading scheme. The combined weight of the midterms+final exam is 40% of your final grade. If you receive less than 20 out of 40 for this component then your final grade will be an F. If you receive 20 or more out of 40 then your final grade will be determined using the marking breakdown shown in the table above.

Assignments

Assignments will mostly involve writing Python code. The majority (if not all) of the marks will be based on the correctness of your code. Late assignments will not be accepted for marks. You may speak with TA’s or the instructor if you need help, but you must write your own responses and code. Do not post or share solutions or partial solutions with anyone. The assignments will NOT be equally weighted (later assignments will be worth more than earlier assignments). A breakdown of each assignment (and due date) will be given when classes start.

Tutorials

Each student must be registered in a tutorial. Different activities may be assigned in a tutorial. If nothing is assigned then it will function as office hours with the TAs.

Final Exam Scheduling

The examination period for the Summer semester is June 19–25. The time for our exam will be announced by the University. Be sure that you are not in transit during this period of time. Travel plans are not an excuse to miss the final exam.

Attendance

Attendance is optional for classes and tutorials except during midterms or other activities (to be specified). That being said, class and tutorial times will be opportunities to ask the instructor/TAs questions and get real-time feedback. Some material may be presented in class. A video recording of class times will be posted after the class. We will either use BigBlueButton or Zoom for class.

This course has a high workload. It is expected that you will spend 20 or more hours per week (on average) throughout the term.

Workload

This is a condensed course. The expected workload is high because each week in the summer is the equivalent of two weeks in a normal fall/winter schedule. It is expected that students in this course will spend 20 or more hours each week for this course.
Textbook

We will be using an online textbook (and learning environment).

https://runestone.academy/runestone/books/published/thinkcspy/index.html

Additional notes/videos may be posted to cuLearn. Recordings from lecture time will be posted to cuLearn.

Undergraduate Academic Advisor

The Undergraduate Advisor for the School of Computer Science is available by email (undergraduate_advisor@scs.carleton.ca).

The undergraduate advisor can assist with information about prerequisites and preclusions, course substitutions/equivalencies, understanding your academic audit and the remaining requirements for graduation. The undergraduate advisor will also refer students to appropriate resources such as the Science Student Success Centre, Learning Support Services and the Writing Tutorial Services.

University Policies

Student Academic Integrity Policy

Every student should be familiar with the Carleton University student academic integrity policy. A student found in violation of academic integrity standards may be awarded penalties which range from a reprimand to receiving a grade of F in the course or even being expelled from the program or University. Some examples of offences are: plagiarism and unauthorized co-operation or collaboration. Information on this policy may be found in the Undergraduate Calendar.

Plagiarism/Unauthorized Co-operation or Collaboration

As defined by the University Senate, "plagiarism is presenting, whether intentional or not, the ideas, expression of ideas or work of others as one's own". Such reported offences will be reviewed by the office of the Dean of Science.

Senate policy states that "to ensure fairness and equity in assessment of term work, students shall not co-operate or collaborate in the completion of an academic assignment, in whole or in part, when the instructor has indicated that the assignment is to be completed on an individual basis".

Different technologies will be used to detect plagiarism of submitted code.
Academic Accommodations

Requests for Academic Accommodation

You may need special arrangements to meet your academic obligations during the term. For an accommodation request, the processes are as follows:

Pregnancy obligation

Please contact your instructor with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details, visit the Equity Services website:

[link]

Survivors of Sexual Violence

As a community, Carleton University is committed to maintaining a positive learning, working and living environment where sexual violence will not be tolerated, and is survivors are supported through academic accommodations as per Carleton's Sexual Violence Policy. For more information about the services available at the university and to obtain information about sexual violence and/or support, visit: [link]

Religious obligation

Please contact your instructor with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details, visit the Equity Services website:

[link]

Academic Accommodations for Students with Disabilities

If you have a documented disability requiring academic accommodations in this course, please contact the Paul Menton Centre for Students with Disabilities (PMC) at 613–520–6608 or pmc@carleton.ca for a formal evaluation or contact your PMC coordinator to send your instructor your Letter of Accommodation at the beginning of the term. You must also contact the PMC no later than two weeks before the first in-class scheduled test or exam requiring accommodation (if applicable). After requesting accommodation from PMC, meet with your instructor as soon as possible to ensure accommodation arrangements are made.

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Accommodation for Student Activities

Carleton University recognizes the substantial benefits, both to the individual student and for the university, that result from a student participating in activities beyond the classroom experience. Reasonable accommodation must be provided to students who compete or perform at the national or international level. Please contact your instructor with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist.

[link]

For more information on academic accommodation, please contact the departmental administrator or visit: [link]