People

<table>
<thead>
<tr>
<th>Instructor</th>
<th>M. Jason Hinek (contact info)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teaching Assistant</td>
<td>tba</td>
</tr>
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Course Information

<table>
<thead>
<tr>
<th>Classroom</th>
<th>Building: Tory Building</th>
<th>Room: 210</th>
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<tbody>
<tr>
<td>Class Times</td>
<td>Days: Tuesday and Thursday</td>
<td>Time: 1:05pm - 2:25pm</td>
</tr>
<tr>
<td>Course Website</td>
<td><a href="https://www.scs.carleton.ca/content/comp1805f13">https://www.scs.carleton.ca/content/comp1805f13</a></td>
<td></td>
</tr>
<tr>
<td>Piazza (Course Forum)</td>
<td><a href="https://piazza.com/carleton.ca/fall2013/comp1805a">https://piazza.com/carleton.ca/fall2013/comp1805a</a></td>
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<tr>
<td>cuLearn</td>
<td><a href="https://www.carleton.ca/culearn/">https://www.carleton.ca/culearn/</a></td>
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Calendar Description

Introduction to discrete mathematics and discrete structures. Topics include: propositional logic, predicate calculus, set theory, complexity of algorithms, mathematical reasoning and proof techniques, recurrences, induction, finite automata and graph theory. Material is illustrated through examples from computing.

Prerequisites

One Grade 12 university preparation mathematics course.
Precludes additional credit for MATH 1800.

Textbooks

The following textbook (available freely online) will be used in this course (and COMP2804):

*Mathematics for Computer Science* by Eric Lehman, F. Thomson Leighton, and Albert R. Meyer ([online](https://www.scs.carleton.ca/content/comp1805f13))

Evaluation

<table>
<thead>
<tr>
<th>Assignments</th>
<th>20%</th>
<th>tba</th>
<th>five assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-tutorial tests</td>
<td>30%</td>
<td>tba</td>
<td>best three of four</td>
</tr>
<tr>
<td>Final Exam</td>
<td>50%</td>
<td>tba</td>
<td></td>
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★ Note: Assignments are posted on the web. Assignments are to be submitted in the appropriate boxes in Room 4135HP. No late assignments will be accepted. Marked assignments are handed back in class. If you have any disagreements with your mark, first bring this to the attention of the TA who marked your assignment. No assignment or test marks will be reviewed more than a week from the time they are handed back (to the class). Marks will be posted on cuLearn. It is your responsibility to check cuLearn frequently and make sure that your marks are correctly recorded. All marked assignments should be retained by students as proof of completion.
Collaboration Policy

⭐ I expect that you will work together on the assignments. You may collaborate at the conceptual/problem-solving level of assignments but you must write your own solutions. Copying of assignments (or partial copying of assignments) is not allowed and students caught cheating will be dealt with severely. You should always write up your own solutions and acknowledge your sources.

Posting assignment solutions on discussion boards before the due date and time is prohibited.

Undergraduate Academic Advisor

The Undergraduate Advisor for the School of Computer Science is available in Room 5302C HP, by telephone at 520-2600, ext. 4364 or by email at 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

Full academic regulations are found in the University’s calendar (link). Some excerpts are below.

Academic Integrity

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 is presenting, whether intentional or not, the ideas, expression of ideas or work of others as one’s own. Plagiarism includes reproducing or paraphrasing portions of someone else’s published or unpublished material, regardless of the source, and presenting these as one’s own without proper citation or reference to the original source.

In cases where an investigation determines that a violation of the Academic Integrity Policy has occurred, sanctions may be applied by the Faculty Dean, the Provost and Vice President (Academic), or by Senate Executive.

Sanctions may include but are not limited to completion of a remediation process, a written reprimand, assignment of a failing grade, withdrawal from a course, suspension from a program, suspension or expulsion from the university.

Students with Disabilities

The Paul Menton Centre for Students with Disabilities (PMC) provides services to students with Learning Disabilities (LD), psychiatric/mental health disabilities, Attention DeficitHyperactivity Disorder (ADHD), Autism Spectrum Disorders (ASD), chronic medical conditions, and impairments in mobility, hearing, and vision.

If you have a disability requiring academic accommodations in this course, please contact PMC at 613-520-6608 or pmc@carleton.ca for a formal evaluation. If you are already registered with the PMC, contact your PMC coordinator to send me your Letter of Accommodation at the beginning of the term, and 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 me to ensure accommodation arrangements are made. Please consult the PMC website for the deadline to request accommodations for the formally-scheduled exam (if applicable) at http://www2.carleton.ca/pmc/new-and-current-students/dates-and-deadlines/

**Religious Obligations**
Carleton University accommodates students who, due to religious obligation, must miss an examination, test, assignment deadline, laboratory, or other compulsory event. The University has a Senate-approved policy on religious accommodation that forms part of its Human Rights Policy, available at: http://www2.carleton.ca/equity/
Accommodation will be worked out directly and on an individual basis between the student and the instructor(s) involved. Students should make a formal written request to the instructor(s) for alternative dates and/or means of satisfying requirements. Such requests should be made during the first two weeks of any given academic term, or as soon as possible after a need for accommodation is known to exist, but in no case later than the penultimate week of classes in that term.

**Pregnancy Obligation**
Write to me 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: http://www2.carleton.ca/equity/

**Medical Certificate**
The following is a link to the official medical certificate accepted by Carleton University for the deferral of final examinations or assignments in undergraduate courses. To access the form, please go to http://www.carleton.ca/registrar/forms/