Overview

This sheet summarizes information related to CSC 373H1F (*Algorithm Design*, *Analysis*, *and Complexity*) during Fall 2019 at St. George.

Course Page

Please consult the course webpage for full and up-to-date details regarding the course. It will be frequently updated with announcements, schedule of lectures, and assignments. *You are responsible for reading all announcements on the course website*; please check weekly.

https://www.cs.toronto.edu/~nisarg/teaching/373f19/

Discussion Board

Piazza will be the preferred forum for asking questions about class material or other topics that are likely to be of general interest to the class. While it may be quicker than scheduling an office hour with an instructor, please do not expect ultra-quick responses.

http://piazza.com/utoronto.ca/fall2019/csc373

Assignment Submission

We will use MarkUs. You will be required to upload a single PDF for each assignment. You are encouraged to submit LaTeXed work. Scanned copy of handwritten solutions will be acceptable, but it is your responsibility to ensure that the handwriting is legible! MarkUs has a size limit, so you may need to use an online tool to compress your PDF before uploading.

MarkUs link to be announced.

Lectures & Tutorials

Section	Lectures	Tutorials (rooms TBA)	Instructor
LEC 5101	Tue 1–3 in BA 1170 Thu 2–3 in BA 1170	Mon 5–6	Karan Singh
LEC 5201	Tue 3–4 in BA 1170 Thu 3–5 in SS 2117	Mon 5–6	Karan Singh
LEC 5301	Wed 6–9 in BA 1190	Mon 6–7	Nisarg Shah

Contact

Instructor	Webpage	Email	Office	Office Hours*
Karan Singh	dgp.toronto.edu/~karan/	karan@dgp.toronto.edu	BA 5258	TBA
Nisarg Shah	cs.toronto.edu/~nisarg/	nisarg@cs.toronto.edu	SF 2301C	TBA

*outside these hours, please email to make an appointment

References

- The primary reference for this course will be the lecture slides, which will be posted before/slightly after each lecture. In addition, you may refer to the following books.
- *Required:* [CLRS] Cormen, Leiserson, Rivest, Stein: *Introduction to Algorithms.*
- *Supplementary:* [DPV] Dasgupta, Papadimitriou, Vazirani: *Algorithms.*
- *Supplementary:* [KT] Kleinberg; Tardos: *Algorithm Design.*

Organization

- *Tutorials:* There will be a tutorial almost each week, for which the problem set will be posted in advance. You are expected to try the problems in advance, and the TAs will go over the solutions during the tutorial. The solutions will *not* be posted online. So you are advised to attend the tutorials, if you wish to see the solutions.
- *Assignments:* We plan to post four assignments throughout the course, of which only *your best three assignment grades* will count towards your final grade. Each assignment should be completed in groups of **up to three** students.
- *Exams:* There will be two term tests, which will take place during the regularly scheduled tutorial time, *but possibly in different rooms*. Details will be posted on the course webpage. There will be a final exam. In each exam (including the final), you will be allowed to bring *one* 8.5" × 11" *aid sheet of **hand**written notes on **one** side*.

Grading Scheme

- The breakdown is as follows: assignments - 30%, term tests - 40%, final exam - 30%.
- As mentioned above, only your *best three assignment grades* will count towards your final course grade, and each will be worth 10%.
- Each of the two term tests will be worth 20%, and the final exam is worth 30%.
- If you earn less than 40% on the final exam, your final course grade will be reduced below 50.

Late Submissions

- Each student will receive a total of four (4) late days; you can use *up to two (2) late days* towards any assignment.
- You *do not* earn extra late days for illness, University activities, or other legitimate reasons; these reasons is precisely what the four late days are for. You are responsible for managing your late days.
- If, for some legitimate reason, you absolutely need more late days, you will need to personally request them from the instructor with proper documentation. Late days will be administered automatically through MarkUs.

Petitions

- If you are unable to complete homework or if you miss a test due to major illness or other circumstances completely outside your control, please **contact your instructor immediately**.
- Special consideration will be evaluated on a case-by-case basis and will *not* be given automatically. In other words, you risk getting a grade of zero for missed work unless you contact your instructor *promptly*.
- In the case of illness, medical documentation must be supplied on the official University of Toronto *Verification of Illness or Injury* Form.
  Link: http://www.illnessverification.utoronto.ca/
- If you have any concern or question regarding your situation, please contact your College Registrar—they are best equipped to help you with anything you may be going through.

Remark Requests

- Assignment remark requests will be handled through MarkUs. Remark requests for midterm tests will be handled in office hours. For each work, the deadline for remark requests will be announced (either on MarkUs, in class, or on course webpage). It is your responsibility to submit remark request by the deadline.
- Be specific when you write up your request: either clearly demonstrate that the grading scheme was not followed correctly, or ask questions about specific elements in the grading scheme. Note that grades are awarded based on *merit*, not on need—that is the only fair way to award grades—so statements like "I worked really hard" or "I really need those grades" are not good reasons.

Collaboration

Everything that you submit for grades (assignments, tests and exam) must not contain anyone else's work or ideas *without proper attribution*. In particular, for assignments, you are free to discuss with other groups. However, you should not take notes or pictures from this discussion. You must write your own solutions in isolation from other groups, without copying from notes or other sources. This ensures that your solution is truly your own. If you derived a critical insight relevant to the exact problem you're solving from discussion with a classmate or from an online source, you *must* cite the source of your insight. *To be safe, do not let others look at your solutions, even in draft form and even after the due date.* **Please read the Guidelines for Avoiding Plagiarism on the course website.**