COMP 4030/6030 – Design/Analysis of Algorithms – Spring 2020

Instructor: Nirman Kumar

Contact Information:

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Office hours: F 10-11 AM.


Check the webpage for the schedule of classes, HW’s, material covered in a lecture, etc. I will also send email once I post the Homeworks.

TA’s: Anik Khan (akhan9@memphis.edu). Office hours T 12-1 PM, DH 201.
Murshida Rahman Mouree (mmouree@memphis.edu). Office hours M 2:30-3:30 PM, DH 314.

Lectures: Tu Th : 9:40 – 11:05 AM, DH 124.


Grading: The grading items, number of each and their total weights (tentative) are (1) Problem sets (10/50%), (2) Problem solving and class participation - 10% (3) Mid-term exam (1/15%), (4) Final exam (1/25%).

Homeworks: Please understand that even though HWs are used for purposes of grading, their main purpose is not to evaluate you, but to make you learn. The due date of HWs, which will include theoretical problems and programming problems, will be noted on the HW. Late submissions will not be accepted except under extreme conditions. For the problems where written solutions need to be submitted, solutions must be either typed (Latex, MS word), or neatly printed. You may work with others on assignments, but each student must turn in his or her own work and name all co-workers. For the programming problems, it is okay to discuss the overall idea and its analysis but any coding must be yours only. Ideally, you should try to solve all the problems yourself before discussing it with other students. As always, the Plagiarism/Cheating Policy applies. You will be graded on the following factors:

1. Correctness,
2. Completeness, and
3. Critical thinking.

Please note that a few homeworks will have additional questions and different grading for students registered in 6030. So mention on your submission if you are a 4030 or a 6030 student.

Exams: There will be 1 mid-term and 1 final exam. The mid-term will be during a lecture period.

If you miss an exam, you will receive a zero, see policy on makeup exams below.

Attendance: You are expected to regularly attend the lectures, and participate in class, which means asking questions if you do not understand something, or try to solve any problems I assign in class. Regardless of whether you succeed in solving problems, participation is encouraged and counts for points. So step up and try to solve the problem.

It is encouraged that you come to office hours and/or GA office hours but such attendance will not count towards the points for attendance.

All material I cover in class is fair game for HWs and exam questions.

When you come to class, I ask that you be fully present. Please be respectful of your fellow students, myself, and the TA’s, by participating attentively and non-disruptively. If you have a question related to the material being taught, please
raise your hand. Please do not use cell phones in the class. If it is extremely urgent to use one (even for text) please step outside. This should not be too frequent.

**Makeup exams:** Makeup exams will be given only under documented, extreme circumstances, and **provided I can find the time.** If you feel that your circumstances warrant a makeup exam, get in touch with me as soon as possible.

**Student Disabilities:** If you have a disability that may require assistance or accommodations, or if you have any questions related to any accommodation for testing, note taking, reading, etc., please speak with me as soon as possible. You must contact the Student Disability Services Office (678-2880) to officially request such accommodations / services.

**Plagiarism/Cheating policy:** All assignments for this class are to be written or coded individually. You may refer to a book, or the Internet or some other source but in that case, please acknowledge all such sources in your submission. You may work with other students in the course, and I encourage you to do so, but as stated above, every student must write and submit their own assignment. **There should be no direct copying from the assignment of your co-workers, and you are required to name your co-workers.**

If I determine that you copied something directly from an external source (book, Internet, or some other source), you will receive a failing grade on the assignment and (at my discretion) a failing grade in the course. If I determine that you have copied another student’s assignment, this will happen to both you and the person from whom you copied. The incident may also be forwarded to the University Judicial Affairs Office for further disciplinary action.