

Data Structures and Algorithms – (COMP SCI 2C03)
Winter, 2021
Final Exam Review

Wednesday 14th April, 2021

1 Final exam time and submission

1. The final exam will take place on Saturday, April 17, from 12:30 pm - 3:00pm (students with SAS accommodations will get the same extra time as discussed for mid-terms).
2. The dropbox will be open till 4:00PM for regular submissions (and longer for students with SAS accommodation). However all regular submissions after 3:30 PM will lose 2 marks for every 10 minutes delay; that is, if you submit your exam between 3:30 - 3:40, then you will lose 2 marks, and if you submit your exam between 3:40 - 3:50, then you will lose 4 marks and so on.
3. To summarize you get 2.5 hours to write your exam and 30 minutes extra to create the PDF solution file and submit it on Avenue. In short, **all regular submissions by 3:30PM are acceptable and no penalty will be applied.**
4. Please do not email me or the TAs your final exam as it will not be graded. **Only exams submitted on Avenue will be graded.**
5. Dropbox folders have been created under Assessment→Assignment on Avenue for the final exam. When you are done with your test, create a single PDF file/or image file containing ALL your solutions. Name this file as lastname_firstname.pdf, and upload it on Avenue under your dropbox folder. Only one file which is the latest one will be graded.

Note that, if you submit image files for different questions, only one file will be graded.

6. I have created a meeting titled “Meeting to answer your questions during Final Exam” under the General Channel of the course’s MS Team. Morteza and Mehdi will be available in the meeting to answer any questions you might have.

2 Final exam material and Format

1. The exam will be based on the material covered in the lectures slides.
2. The exam will consist of 10 multiple choice questions and 6 descriptive questions. In particular, 3-4 descriptive questions will be from chapters 4 and 5.
3. For the test you can refer to all lecture slides, your class notes, all tutorials, assignments and the textbook.

3 Tips for preparing for the exam

1. 3-4 descriptive questions will be from chapters 4 and 5. So make sure you know the material well.
2. Know all the algorithms. The best way to understand an algorithm is to do a dry run (take an example and execute the algorithm step by step).
3. For all algorithms know what kinds of inputs will give you the best/worst running time/no. of comparisons.
4. First go through the lecture slides, then tutorial/mid-term1 and midterm 2 solutions and then assignments. Use the textbook to understand the lecture slides better.
5. Note that KMP algorithm is not from the textbook, make sure you know the one from the lecture slides.