Tentative Syllabus
CS 300 Data Structures
Fall 2021

Lecture Hours: Mondays   13:40 – 15:30 (FMAN 1099)
Tuesdays 18:40 – 19:30 (FMAN 1099)

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PROGRAM

week 1	Overview
week 2	Algorithm Analysis
week 3	Linear Data Structures
week 4	Trees 1
week 5	Trees 2
week 6	Hash Tables
week 7	Heaps (Priority Queues)
week 8	Sorting 1
week 9	Sorting 2
week 10	Disjoint Sets
week 11	Graph Data Structures 1
week 12	Graph Data Structures 2
week 13	Algorithm Design Techniques 1
week 14	Algorithm Design Techniques 2

IMPORTANT NOTICE

Unless otherwise stated by YÖK or Sabanci University, all the lectures will be carried out in an "in-class & online" manner. That is, students will take turns to sit in the class and all the lectures will be streamed synchronously from the class for the other students. The recitations, on the other hand, will be carried out in an online synchronous manner. Both the lecture and the recitation recordings will be published right after the classes. Last but not least, the exams (except for the online quizzes) will be carried out in person. Note that as all the lectures and recitations will be recorded, your voice, camera images, and chat messages captured during the classes may be recorded and published online.

GRADING POLICY

	contribution (%)	
Quizzes	10	(weekly short online quizzes)
2 Midterms	25	(in total)
Final	30	
Homework	35	

Be aware that getting good grades in the exams is not sufficient to pass the course! To be assessed as successful, students must submit all homework on time and must make a good faith effort to complete all the homework requirements. This, though, does not mean that the homework will be graded on the basis of the amount of effort you put in them.

ATTENDANCE

Throughout the classes, the instructor will not always stick to the textbook. To this end, it's a fair game for the instructor to have questions in the exams about any topics discussed in the classes as well as in the recitation hours. Afterall, all the online quizzes will be carried out during lecture hours. Thus, miss a lecture at your own risk!

TURN-IN and LATENESS POLICY

All homeworks are due 11:55pm on their due dates. 10% penalty will be incurred for each day of overtime. Submissions that are late by more than 3 days will not get any credits.

COLLABORATION POLICY

Students must work and complete all homework on their own. Plagiarism (copying/cheating) will be dealt with extreme prejudice. Each student is responsible in making sure that his/her homework is well protected from others.

MAKEUP POLICY

No makeup exam will be offered for either the short or the long quizzes.

If you miss the final exam, no makeup exams will be granted unless you have a documented emergency situation and notify the instructor within 48 hours after the exam date. The instructor reserves the right as to when and how a makeup exam will be granted.

TEXTBOOK

Data Structures & Algorithm Analysis in C++, (2nd, 3rd, or 4th edition), Mark Allen Weiss, Pearson, 2014, ISBN 0-273-76938-3 (4th edition).