

CS 300 Data Structures

Fall 2022

Lecture Hours: Mondays 08:40 – 09:30 (FENS G077)
Fridays 14:40 – 16:30 (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

GRADING POLICY

	contribution (%)	tentative date
Midterm 1	16	(7th week of classes)
Midterm 2	16	(12th week of classes)
Final	30	TBA by Student Resources
Homework	28	
Quizzes	10	

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 topic discussed in the classes as well as in the recitation hours. 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

It's simple. Do NOT miss an exam!

If you do miss an 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).