

CS 584/684: Algorithm Design and Analysis

Instructor

Daniel Leblanc
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Office Hours

TR 18:15 - 19:15
and by appointment

Required Textbook

Introduction to Algorithms, 3rd edition
Corman, Leiserson, Rivest, Stein

Grading Policy

Homework	40%
Midterm	30%
Final or Project	30%

I reserve the right to make slight adjustments (up or down) to your grade to reflect your participation and effort in this course. The grading scale will be the standard one, but the mapping from raw overall course percentage to final overall course grade won't be determined until the end of the course.

Expect grading to be quite strict, as I'd like to give you as realistic an indication of your progress as possible. If you are consistently putting in solid effort, I will notice, and you will be rewarded.

Homework Policy

There will be regular assignments throughout the term that are designed to be quite challenging. Expect to invest a significant amount of time in each assignment. You may collaborate with other class members on the homework assignments in groups of no more than three people. Submit only a single writeup for the group.

Assignments are to be handed in at the beginning of class on the day they are due. No late homework will be accepted. If you are forced to miss a deadline due to an emergency, contact me as soon as possible and I will try to work with you. *Solutions must be typed, preferably typeset in \LaTeX*

Project

All students have the option of doing a research project instead of taking the final exam. The topic should be related to algorithm complexity and must involve implementing one or more related algorithms or data structures. After completing their research, students are responsible for writing a 7-10 page paper which is to be submitted along with their source code.

If you want to pursue this option you need to choose a topic and let me know before the end of week 4.

Academic Integrity

Students are expected to obey the University Academic Integrity policy and violations will result in a zero for the entire submission and a report to the Conduct Office. That being said, since group work on the assignments is encouraged it's not that easy to cheat in my course. Don't put in the effort.