

CS 581: Theory of Computation

Instructor

Daniel Leblanc
dleblanc@pdx.edu

Office Hours

Tuesday 09:20 - 11:20
and by appointment

Required Textbook

Introduction to the Theory of Computation, 3rd Ed.
Michael Sipser (2nd Edition is likely just fine)

Grading and Grading Policy

Homework	30%
Exam 1	20%
Exam 2	20%
Final	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 neatly typed, preferably typeset in L^AT_EX*

Academic Integrity

Students are expected to obey the University Academic Integrity policy and violations will result in a zero for the work in question 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.

FAQ

I didn't do well in CS 311, will I be ok for this class?

Almost certainly not. This is an extremely proof heavy course and discomfort with the prior material can seriously hurt your score in this course.

Can I use the second edition of the textbook?

Sure, my assignments are not taken directly from the book and the main topics remained the same between editions.