CS 350: Algorithms and Complexity

Instructor

Daniel Leblanc
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Office Hours

Monday after class
and by appointment

Recommended Textbook

*Introduction to the Design and Analysis of Algorithms, 3rd Ed.*
Anany Levitin (2nd Edition is likely just fine)

Grading and Grading Policy

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Homework</td>
<td>25%</td>
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<tr>
<td>Problem of the Day</td>
<td>10%</td>
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<tr>
<td>Midterm</td>
<td>30%</td>
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<tr>
<td>Final</td>
<td>35%</td>
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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

All homework handed in must be solely the product of individual effort. While you are encouraged to discuss the assignments with your classmates, try to focus such discussions more on understanding the problems and not on creating specific solutions. Once all members of the discussion have completed solutions independently, feel free to compare those solutions as you see fit.

It is worth noting that many of the problems assigned for this class will have solutions available online, using those defeats the purpose of the course. Most problems have been chosen because they either represent a significant problem in the field, or because I have encountered the problem in technical interviews. My goal in the assignments is both to help you learn the course material and to help prepare you for interviews once you graduate.
Homework is to be submitted in person on the day it is due and no late homework will be accepted. Solutions must match the described format and be typed. Equations may be neatly hand-written.

**Exams**

For all exams you are allowed to bring a note sheet. It must be hand-written on a stand size sheet of paper. You are permitted to use both sides of the page.

**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.