Tentative Syllabus
CS 300 Data Structures
Fall 2020

Lecture Hours: Tuesdays 12:40 – 13:30 (synchronous, online)
Fridays 12:40 – 14:30 (synchronous, online)

Instructor  Cemal Yilmaz
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Office: FENS G019
Office Hours: Mondays 15:40 - 16:30
Wednesdays 10:40 - 11:30
Thursdays 10:40 - 11:30

TAs
Hamed Mohammadi (hamed@sabanciuniv.edu)
Office Hours: Monday 18.30-20.30 (https://meet.google.com/fix-xkpj-epb)
Şevval Şimşek (sevvalboylu@sabanciuniv.edu)
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Amro A. Aljundi (amroa@sabanciuniv.edu)
Office Hours: Thursdays 14.30-16.30 (https://meet.google.com/qhu-shoe-nff)
Ceren Yildirim (cerenyildirim@sabanciuniv.edu)
Office Hours: Fridays 14.30-16.30 (http://meet.google.com/wam-hvap-zto)

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 Sabancı University, all the lectures, recitations, exams, and quizzes will be carried out in a synchronous, online manner. During these online sessions (including those for the exams and quizzes), you may be asked to turn on your cameras. All the online sessions may be recorded. Since the lecture and recitation recordings will be shared with the class right after the sessions, your voice, camera images, and chat messages captured during the sessions, may be included in the recordings.
GRADING POLICY

<table>
<thead>
<tr>
<th>contribution (%)</th>
<th>Quizzes</th>
<th>10</th>
<th>(weekly short quizzes)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Midterm</td>
<td>25</td>
<td>(best 5 of 6 long quizzes)</td>
</tr>
<tr>
<td></td>
<td>Final</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Homework</td>
<td>35</td>
<td></td>
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</tbody>
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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. After all, all the 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