

## CSE 321 Introduction to Algorithm Design

Fall 2021

Department of Computer Engineering, Gebze Technical University

**Instructor:** Assoc.Prof. Didem Gözüpek, Room: 237, Ext: 2217, Email: didem.gozupek@gtu.edu.tr

**TA:** Samet Gül, Email: sametgul@gtu.edu.tr

**Class Hours:** Wednesday 13:30-15:20, Thursday 10:30-11:20

**Textbooks:**

- Introduction to the Design and Analysis of Algorithms, by Anany Levitin
- Algorithm Design, by Jon Kleinberg and Eva Tardos

**Prerequisites:** CSE 211 Discrete Mathematics and CSE 222 Data Structures and Algorithms

**About the Course:**

- You will have 5 homeworks, approximately one homework for every 2-3 weeks
- For homework questions that require the design of an algorithm, instead of pseudocode, you need to implement your algorithms in Python and submit the Python code.
- You have to submit your homeworks on time. No extensions are allowed.
- Due to COVID restrictions, the class is divided into two groups, alternating each week. Only the students in that week's group can attend the face-to-face class of that week. You are not allowed to attend the face-to-face class if your name is not on that week's group.
- You are required to attend at least 70% of the face-to-face courses and at least 70% of the overall classes (online + face-to-face).
- Your seating arrangements in class are provided by the instructor according to the social distancing requirements. Please follow these social distancing rules.
- You are required to wear your mask properly in class.
- Due to COVID restrictions, the door and the windows will be open during the entire lecture, irrespective of the weather conditions. Therefore, please wear your clothing accordingly.

**Grading:** Homeworks: 30%, Midterm: 35%, Final: 35%

**Course Contents:** As in: [Anibal webpage for CSE 321](#)