Survival Guide for 02105 Algorithms and Data Structures 1
Lockdown Edition

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About the Guide   This note is a short survival guide to the most important things you need to know about 02105 Algorithms and Data Structures 1. This edition is intended for online teaching during the current pandemic and guidelines will change when/if we can get back on Campus.

Structure   Week x on the workplan works as follows.

Before Class Watch the lecture video, read the material. Read all of the exercises on the weekplan and solve as many of them as you can. See details on exercises below.

During Class See the specific schedule for the day (posted online before class) and attend the sessions suitable for you.

Book   We use the book "Introduction to Algorithms", 3rd edition (CLRS), Cormen, Leierson, Rivest, and Stein.

Tools   We use CodeJudge for evaluating programs and Gradescope for grading written mandatory exercises and the exam. See details on the homepage.

Exercises   The order of the exercises on the weekplan is *not* important. Work on the exercises in your preferred order. Focus your efforts on exercises that challenges your weakest points. Before class we expect that you have familiarized yourself with all exercises and have solved at least half of them.

Some exercises are marked with a short code i [], which means the following:

- [w] A warmup exercise. These should be trivial if you have understood the material for the week.

- [$*$] and [$**$] A difficult and a very exercise, respectively. These exercises typically require a good idea or creative insights to to solve.

- [†] An exercise that is available on CodeJudge.

We highly recommend that you seek you other students in the course to collaborate on the exercises.

Mandatory Exercises   The course features a single mandatory exercise in the latter half of the course. The mandatory exercise is about of algorithm design and implementation of algorithms.

Questions?   For questions on exercises and the material ask a TA or teacher during class. You can also ask a teacher during office hours. For administrative questions and other questions talk to a teacher during class or office hours. Please check the FAQ on the homepage.