HI1029 Algorithms and Data Structures 8.0 credits

Algoritmer och datastrukturer

This is a translation of the Swedish, legally binding, course syllabus.

If the course is discontinued, students may request to be examined during the following two academic years

Establishment

On 2020-02-03, the Head of School of CBH has decided to establish this official course syllabus to apply from the spring semester 2021(registration number C-2020-0293.

Grading scale

A, B, C, D, E, FX, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Completed course HI1024 Computer Programming, Basic Course

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

Course contents

Examination

- LABA - Laboratory Work, 4.0 credits, grading scale: P, F
- TEN1 - Examination, 4.0 credits, grading scale: A, B, C, D, E, FX, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

For final grade both written exam (TEN1) and practical work (LABA) must be passed. The final grade is based on TEN1 with scale A, B, C, D, E, FX, F.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.