DD2467 Individual Project in Theoretical Computer Science 7.5 credits

Individuellt projekt i teoretisk datalogi

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

Establishment

Course syllabus for DD2467 valid from Spring 2019

Grading scale

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

Education cycle

Second cycle

Main field of study

Computer Science and Engineering

Specific prerequisites

Advanced algorithms equivalent to the course DD2440.

Language of instruction

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

Intended learning outcomes

On completion of the course, the student should be able to solve a design or investigative task in theoretical computer science with limited supervision, and to report the result of such a task. It implies to be able to:

- independently plan, carry out and report a design or investigative task in theoretical computer science,
- acquire and evaluate information applicable for carrying out the task,
- choose a course of approach and define, follow and follow up a plan for carrying out the task in a given resource budget,
- write readable reports in English or Swedish that satisfy established norms as to structure, language and contents,
- orally report a work with certain requirements of preparation, structure, style and time,
- show increased knowledge and skills in theoretical computer science

in order to

- apply and deepen his or her knowledge in theoretical computer science in a larger individual project work.

Course contents

Both course content and assessment are designed individually for each student.

Disposition

The student should contact the person responsible for current specialization or other teacher and thereafter contact the course coordinator. The course can only be offered if the department has enough resources and skills in the current field. No instruction is given in this course.

Course literature

Will be adapted individually.

Examination

- PRO1 - Project, 7.5 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.

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

In this course, the code of honor of the school is applied, see: http://www.kth.se/en/csc/student/hederskodex

Other requirements for final grade

Passed individual project assignment (PRO1).

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.