DD1349 Project in Introduction to Computer Science 3.0 credits

Projektuppgift i introduktion till datalogi

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

Establishment

On 2020-10-13, the Head of School of EECS has decided to establish this official course syllabus to apply from the spring semester 2021 (registration number J-2020-1861).

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Completed courses in programming equivalent to DD1337 and algorithms and data structures equivalent to DD1338

Active participation in a course offering where the final examination is not yet reported in LADOK is considered equivalent to completion of the course.

Registering for a course is counted as active participation. The term 'final examination' encompasses both the regular examination and the first re-examination.

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, course participants should be able to

- design and implement simple programs
- use programming to solve problems,
- participate in professional programming development and be familiar with the different roles and tasks of the programmer

in order to

- efficiently use computers in their continuing education and working life
- find and use correct technique for a given problem,
- take advanced courses within computer science and numerical analysis.

Course contents

A programming project with associated theory. The programming language Java is used.

Examination

- PRO1 - Project, 3.0 credits, grading scale: P, 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.

Other requirements for final grade

Project (PRO1; 3 credits).

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.