



II1305 Project in Information and Communication Technology 7.5 credits

Projekt inom informations- och kommunikationsteknik

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-2020-2220).

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Completed courses in all of the following fields:

- Programming equivalent to ID1018
- Algorithms and Data Structures equivalent to the test part ARBA (course work) in ID1020
- Computer Hardware Engineering equivalent to IS1200

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

After passing the course, the student should be able to

- in groups and with a structured developmental methodology carry out a project for development of a system with information and communication technology
- reflect on the project as a basis for improvements of the working method.

Course contents

The course trains the students in methods for design of a technical system containing information and communication technology under resource and time constraints. The methods are among others development process, project planning, reflection methods and design methods for technical systems .

Examination

- PRO1 - Project, 7.5 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.

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.