ID1003 Project IT 7.5 credits

Projekt IT

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

Establishment

Course syllabus for ID1003 valid from Spring 2011

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Completed upper secondary education including documented proficiency in Swedish corresponding to Swedish B and English corresponding to English A. For students who received/will receive their final school grades after 31 December 2009, there is an additional entry requirement for mathematics as follows: documented proficiency in mathematics corresponding to Mathematics A and the specific requirements of mathematics, physics and chemistry corresponding to Mathematics D, Physics B and Chemistry A and:

- ID1004 Objektoriented Programming
- ID1005 Algorithms and Data Structures

Language of instruction

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

Intended learning outcomes

The goal of the course is to give the students:

- ability to and experience of solving problems and developing software in a group under a limited time and with limited resources using a structured development process.
- knowledge and experience of agile development processes.
- knowledge and experience of using important tools, support systems and techniques (like testing and revision control).

Course contents

This course consists mainly of a project; developmet of a multimedia application (or another application after agreement with the responsible teacher).

The course is executed in project groups with 6-10 project members.

The course is based on the theory in the partly preceding/partly parallel course IV1301 IT project, part 1 - method. The theory from IV1301 is applied in this course.

Disposition

Preparation task. Project work: full time (8 h per day) during approximately 4 weeks.

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.

The grades are pass/fail (P/F).

Preparation tasks in groups of two students.

Project work: a project group consists of 6-10 students. The project is examined continuously on both group and individual level.

Other requirements for final grade

Passed preparation task. Presence and active work during the project.

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.