



DD1347 Computer Science Project 3.0 credits

Projektuppgift i datalogi

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

Course syllabus for DD1347 valid from Spring 2009

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Language of instruction

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

Intended learning outcomes

The overall aim of the course is to develop competencies associated with a software engineering project working in a large team.

This understanding means that after the course you should be able to:

1. Perform background research prior to starting a large software engineering project, with a view to critically assessing similar and competitive products.
2. Assemble a project planning document, based on exploring possibilities for product design, and by evaluating what is feasible given the available project resources
3. Understand the principles of user requirements capture and analysis, as these are set out according to the PSS-05 documentation standard. Write a complete and consistent set of user requirements for a large product, according this standard.
4. Execute your plan to construct a software product, to accurately fulfill the requirements set out in the user requirements document. Adjust your plan to deal with common project risks such as illness and project members leaving.
5. Help organise a software team on a regular basis, including solving communication problems by means of regular organised project meetings, and documentation of meetings (written minutes of meetings).

Course contents

A programming project that applies the programming knowledge and the theoretical knowledge from DD1343 and DN1243.

Course literature

No course literature

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.

In this course all the regulations of the code of honor at the School of Computer science and Communication apply, see: http://www.kth.se/csc/student/heder-skodex/1.17237?l=en_UK.

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.