DD151X Degree Project in Computer Science, Communication and Industrial Management, First Cycle 15.0 credits

Examensarbete i teknik: Datateknik, kommunikation och industriell ekonomi, grundnivå

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

Establishment

Course syllabus for DD151X valid from Spring 2014

Grading scale

A, B, C, D, E, FX, 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 student should after completed independent degree project in computer science be able to

- apply skills and knowledge in computer science on a given problem,
- independently analyse and discuss relevant aspects on and solutions to a larger problem within computer science,
- apply standard methods of practice in industry, administration and academic environments regarding planning, conducting, reporting and evaluating independent design and investigation projects
- reflect over, evaluate and critically discuss own and others' scientific results,
- document and present the work orally and in writing, with requirement on structure, contents, presentation, formal contents, style and writing
- identify own information needs and independently acquire the knowledge and skills that are needed to solve the problem
- independently plan and carry out a design or study in computer science
- independently collect and organise requirements and expectations on project deliverables,
- evaluate these requirements and expectations considering time and other resources.

Course contents

The Bachelor's essay should treat an interesting problem in computer science. For the assignment to be appropriate as Bachelor's essay, there need to be interesting issues from the subject area to investigate.

Disposition

The emphasis of the work should lie in investigation and analysis.

In the work is included making a specification and time plan for the assignment and searching and reading literature that is relevant to the Bachelor's essay. The extent should be such that it appears that the student has worked half-time during a semester.

The work is presented in writing in a report and is presented orally. Compulsory supervision meetings can occur.

Examination

- XUPP - Task, 10.0 credits, grading scale: A, B, C, D, E, FX, F
- INL1 - Assignment, 5.0 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.

Other requirements for final grade

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

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.