



DH2460 Software Design - Business - Leadership 12.0 credits

Programvarudesign - ekonomi - ledarskap

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

Establishment

Course syllabus for DH2460 valid from Autumn 2009

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Computer Science and Engineering, Information Technology, Information and Communication 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 main goal of the course is to integrate the students' earlier studies in software design, business and leadership while studying problems that are so compound that they need competence from different areas to be solved. This is done in a project within an organization or a company. By the end of the course the students will be able to:

- identify, integrate and describe aspects of software design, business and leadership within an organizational context
- plan, carry out and critically evaluate a project that aims at illuminating and/or solving a compound problem from a holistic perspective
- choose and justify the choice of suitable methods in order to systematically (empirically) collect information with the purpose of illuminating the situation
- analyze and interpret collected information from software design, business and leadership perspectives
- relate, contrast and explain practical results with theoretical concepts and models
- describe, analyze and reflect upon ones' own and others' project work both verbally and in writing.

Course contents

The course mainly consists of project work. The students will apply investigation methodology and inquiry methodology for software design. The project is done in cooperation between the School of Computer Science and Communication and the School of Industrial Engineering and Management and the company or organization where the project is placed. The students will solve a task independently in groups. Guidance is held mainly on the student's request.

Course literature

To be announced at least 4 weeks before course start at course web page. Previous year material produced at the department was used.

Examination

- PRO1 - Project, 12.0 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.

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.

Other requirements for final grade

Project (PRO1; 12 university 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.