



DH2460 Software Design - Business - Leadership

12.0 credits

Programvarudesign - ekonomi - ledarskap

Course syllabus for DH2460 valid from Autumn 09

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

Grading scale: P, F

Education cycle: Second cycle

Main field of study: Computer Science and Engineering, Information Technology, Information and Communication Technology

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 main content

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.

Language of instruction

Language of instruction is specified in the course offering information in the course and programme directory.

Eligibility

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

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/hederskodex/1.17237?l=en_UK.

Requirements for final grade

Project (PRO1; 12 university credits).