DH2416 Computer Support for Cooperative Work 9.0 credits

Datorstöd för samarbete

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 DH2416 valid from Autumn 2008

Grading scale

A, B, C, D, E, FX, 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

After the course the students shall be able to

- account for different social aspects that may affect cooperation between people,
- describe and explain different concepts that are central within the Computer Support for Cooperative Work (CSCW) area,
- describe the difference between different kinds of groupware and how they affect cooperation between people,
- based on theories within the CSCW area, analyze how different groupware may affect the users' possibilities for cooperation and their work patterns,
- based on the knowledge about an organization's needs, motivate the choice of suitable types of groupware.

Course contents

The CSCW area focuses on a number of other areas, e.g., awareness, mediated communication, collaborative writing, virtual environments, communities, and workplace studies. The content and planning of the course is done considering the students and the on-going activities at the school. Examples of what is discussed during the course:

- what a so called groupware (a system that supports cooperation, e.g., e-mail or chat-systems) is and different kinds of applications,
- what kinds of groupware that exists to support the process around collaborative writing,
- how we are affected by the medium we communicate through, e.g., differences between communication face-to-face, text based communication and video based communication,
- how cooperation can be supported in virtual environments (CVE),
- different perspectives (sociological and psychological) for understanding cooperation and communication,
- workplace studies and how they exemplify cooperation.

The course includes a laboratory experiment in which a number of tasks are conducted during the first part of the course, and a project task is conducted during the second part of the course. The course also includes a home exam.

Course literature

To be announced at least 2 weeks before course start. Previous year material produced at the department was used.

Examination

- LAB1 - Laboratory Assignments, 4.5 credits, grading scale: P, F
- TEN1 - Examination, 4.5 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.

Other requirements for final grade

Examination (TEN1; 4,5 university credits).
Laboratory work (LAB1; 4,5 university credits).
There are elements in the course where attendance is mandatory.

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.