DH2622 Human-Computer Interaction, Advanced Course with Prototyping 9.0 credits

Människa-datorinteraktion, fortsättningskurs med prototypning

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

Establishment

Course syllabus for DH2622 valid from Autumn 2009

Grading scale

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

Education cycle

Second cycle

Main field of study

Specific prerequisites

Language of instruction

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

Intended learning outcomes

In the course the student shall show that she can:

- analyze practice (needs and possibilities),
- chose among methods for user centered design
- work with and develop prototypes that suits for different phases in the design process
- chose among different techniques for creating prototypes with different precision (lo-fi or hi-fi) and understand their pros and cons
- reflect on prototypes grounded in relevant concepts
- create solutions based on a given situation
- motivate and criticize design decisions
- integrate, compare and relate theory and practice
- make decisions based on relevant motivation
- act independent (“captain”), theorize, generalize, go beyond established principles and theories.

Course contents

The framework of the course is a comprehensive project task where students apply theories and methods for user centered design. This task presupposes that the students must work individually and in groups in parallel to the course schedule. Three individual tasks will also be performed during the course.

Course literature

Interaction Design. Preece, Sharp, Rogers. 2007

Löwgren, J. & Stolterman, E. 2004. Design av informationsteknik - materialet utan egenskaper. Lund: Studentlitteratur.

Articles can be added.

Examination

- INL1 - Assignments, 3.0 credits, grading scale: A, B, C, D, E, FX, F
- PRO1 - Project, 3.0 credits, grading scale: P, F
- LAB1 - Laboratory Work, 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.

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/hederskodex/1.17237?l=en_UK.

Other requirements for final grade

Home work (INL1; 3 university credits).
Lab work (LAB1; 3 university credits).
Project (PRO1; 3 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.