DH1624 Human-Computer Interaction, Basic project 3.0 credits

Människa-datorinteraktion, grundläggande projekt

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

The official course syllabus is valid from the autumn semester 2023 in accordance with head of school decision: J-2021-1995.Decision date: 14/10/2021

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Knowledge in human-computer interaction, 4.5 higher education credits, equivalent to completed course DH1623.

Active participation in a course offering where the final examination is not yet reported in LADOK is considered equivalent to completion of the course.

Registering for a course is counted as active participation.

The term 'final examination' encompasses both the regular examination and the first re-examination.

Language of instruction

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

Intended learning outcomes

After passing the course, the student should be able to:

- explain and present design properties of interactive artifacts for different stakeholders

- carry out a smaller design project in a group (including basic project management)

- carry out formative usability tests of own prototypes

- apply a creativity technique (e.g. brainstormning)

- create paper prototypes and digital interactive prototypes

- based on a given design task discover and identify what characterises the intended target group and situation of usage

- identify and formulate usability requirements after completed field studies

- reflect on the strengths and weaknesses of their own design based on literature and own evaluations

in order to

- be able to use design methods that support the development of useful systems.

- prepare the student for further studies in the area.

Course contents

The course consists of a larger practical project based on the theoretical bases that have been introduced in DH1623.

Examination

• INL1 - Assignments, 3.0 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.

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.