



DH156V IT-design for the Disabled 6.0 credits

IT-design för funktionshindrade

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

Establishment

Course syllabus for DH156V valid from Autumn 2008

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Completed upper secondary education incl proficiency in Swedish and English.

Language of instruction

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

Intended learning outcomes

The goal of the course is to give the students

- knowledge about different kinds of disabilities and the impact this has on the use of IT
- insight into the social consequences of various disabilities
- an overview of different assistive devices so that the students will be able to
- understand and design IT-support that is accessible to people with disabilities.

Course contents

Cognitive and physical disabilities, the specific challenges these places on the tools and working methods, assistive devices in use today, practical experience of the development of accessible products, social consequences of disabilities.

Disposition

- Lectures 18h
- Laboration 8h
- Seminars 8 h

Course literature

To be announced at course start.

Examination

- TEN1 - Examination, 3.0 credits, grading scale: A, B, C, D, E, FX, 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.

Other requirements for final grade

Written exam (TEN1; 2 cr). Exercises (LAB1; 2 cr). 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.