



DM2623 IT design for disabled

7.5 credits

IT-design för funktionshindrade

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 DM2623 valid from Spring 2018

Grading scale

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

Education cycle

Second cycle

Main field of study

Computer Science and Engineering

Specific prerequisites

Language of instruction

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

Intended learning outcomes

- describe various types of disabilities and which consequences these may have when using information technology
- describe which social consequences various types of disabilities will give
- review critically and reflect on the availability of different technical systems and identify potential accessibility problems.

Course contents

Cognitive and physical disabilities, the special needs these set on the technology and working methods, existing aids that are used today and the requirements these sets, practical experience of designing products for individuals with various types of disabilities, current research, methods for software engineering, social consequences of disability.

Course literature

Research articles

Examination

- INL1 - Assignments/Unsupervised examination, 3.0 credits, grading scale: A, B, C, D, E, FX, F
- LAB1 - Laboratory Work, 1.5 credits, grading scale: P, F
- SEM1 - Seminars, 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.

Other requirements for final grade

Active participation in seminars, take-home examination

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.

