DD1301 Computer Introduction 1.5 credits

Datorintroduktion

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

Establishment

Course syllabus for DD1301 valid from Autumn 2008

Grading scale

P, F

Education cycle

First cycle

Main field of study

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 course fulfillment the student should be able to

- log in on the computers at the school,

- use the command interpreter to manage files and programs,

- use the module system for programs,

- use common administrative applications available on the computers at the school,

- learn more about Unix by using the command interpreter for information gathering,

- create and edit text files using Emacs,

- compile and execute programs,

- build a web page and make it accessible on the Internet using the Unix system at the school,

- use Matlab for computations and visualizations of mathematical problems,

- create, compile, show and print a LaTeX document.

Course contents

Operating systems and especially Unix, CSC's computer system, the hardware of a computer, the text editor Emacs, basic HTML, Matlab, LaTeX.

Course literature

A bundle with compendiums produced at the department contains the reading and instructions for the mandatory laboratory experiments.

Examination

- LAB1 - Laboratory Work, 1.5 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

Laboratory assignments (LAB1; 1,5 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.