DD101N Preparation Course in Programming and Computer Science 3.0 credits

Förberedande kurs i programmering och datalogiskt tänkande

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

Establishment

Course syllabus for DD101N valid from Spring 2010

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

For single course students:

• Completed upper secondary education including Mathematic C or Mathematic 3b alt 3c. From summer 2014 the eligibility criteria is reduced to:

general entry requirements

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

- Basic knowledge of computer practice and programming.

so that they will be able to

- participate in an introductory Computer Science course together with experienced computer users in an university engineering education.

Course contents

Computer skills: a systematic walkthrough of files, catalogues, shortcuts (links), file and catalogue management.

Programming: variables, data types, control structures, functions, and lists

Disposition

The course is given at a distance.

Course literature

Meddelas minst 4 veckor innan kursstart på kursens hemsida.

Equipment

Computer with a webbreader and internetaccess.

Examination

- LAB4 - Laboratory Work, 0.7 credits, grading scale: P, F
- LAB3 - Laboratory Work, 0.7 credits, grading scale: P, F
- LAB2 - Laboratory Work, 0.8 credits, grading scale: P, F
- LAB1 - Laboratory Work, 0.8 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

Programming assignments (LAB1-4; 0.75 cr. each)

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.