ID2016 Internet Programming IV 7.5 credits

Internetprogrammering IV

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

Establishment

Course syllabus for ID2016 valid from Autumn 2008

Grading scale

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

Education cycle

Second cycle

Main field of study

Specific prerequisites

Language of instruction

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

Intended learning outcomes

Upon completion of the course the student should be able to construct programs (with various techniques) that communicates over Internet with specific XML-based protocols.

Course contents

- Extensible Markup Language (XML)
- Distributed processes
- Mobile units with Java Micro Edition (J2ME) with Connected Limited Device Configuration (CLDC) 1.1 and Mobile Information Device Profile (MIDP) 2.0

Disposition

Distance course. Introductory lectures, and after that self-studies with online tutoring.

Course literature

McLaughlin: Java & XMLEdition : 2

Equipment

PC

Examination

- INLA - Assignment, 3.0 credits, grading scale: P, F
- INLB - Assignment, 3.0 credits, grading scale: P, F
- INLC - Assignment, 1.5 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.

If the course is discontinued, students may request to be examined during the following two academic years.

A number of practical assignments must be made. They are divided into three parts:- Part 1: Introductionary fixed assignments, 3 hp (P/F)- Part 2: More advanced less fixed assignments, 3 hp (P/F)- Part 3: A summarizing free assignment and eventually a number voluntary assignments, 1.5 hp (A/B/C/D/E/Fx/F)Note that the total grade is determined by the grade on part 3.

Other requirements for final grade

Based on:A summarizing free assignment and eventually a number voluntary assignments, 1.5 hp (A/B/C/D/E/Fx/F)

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.