



# **ID2015 Internet Programming III 7.5 credits**

## **Internetprogrammering III**

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 ID2015 valid from Spring 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 client side programs (with various techniques) that communicates over Internet with the HTTP-protocol.

## Course contents

- Structure with Extended Hypertext Markup Language (XHTML)
- Styling with Cascading Style Sheets (CSS)
- Content management
- Imaging
- Audio and video
- Dynamic HTML (DHTML) with JavaScript 1.5 and the Object Model (OM) including Document Object Model 2 (DOM 2)

## Disposition

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

## Course literature

Jon Duckett: Accessible XHTML and CSS Web Sites: Problem - Design - Solution ISBN 0-7645-8306-9  
Damien Stolarz: Mastering Internet Video: A Guide to Streaming and On-Demand Video ISBN 0-321-12246-1

## Equipment

PC.

## Examination

- INL1 - Assignment, 3.0 credits, grading scale: P, F
- INL2 - Assignment, 3.0 credits, grading scale: P, F
- INL3 - 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.

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.