



Course syllabus

Faculty Board of Science and Engineering
School of Computer Science, Physics and Mathematics

1IK424 Web management, 7,5 högskolepoäng
Web management, 7.5 credits

Main field of study
Informatics

Subject Group
Informatics/Computer and Systems Sciences

Level of classification
First Level

Progression
G1N

Date of Ratification
Approved by the Board of the School of Computer Science, Physics and Mathematics
2012-08-17

The course syllabus is valid from spring semester 2013

Prerequisites
General entry requirements.

Objectives

The course is basic course in programming using PHP as a programming language. It aims to give basic knowledge of what PHP is. Extra focus is on developing themes for wordpress, either through modifying existing themes or creating new ones.

After the course, the student should be able to:

- have good knowledge of theoretical and practical uses for PHP
- have basic skills in programming and developing dynamic web sites using PHP
- be able to create as well as modify existing themes in wordpress based on specified requirements

Content

The course deals with PHP as a programming language from a theoretical and practical perspective. The lectures deal with background and practical uses of PHP. The student also learns to program using PHP through practical exercises.

The course also deals with Wordpress as a web publishing tool as well as creating themes using PHP.

The course is finalized through a project where the student creates a theme in Wordpress from specific requirements using PHP.

Module 1 PHP 3 credits

This module deals with lectures and practical assignments regarding PHP as a programming language, both from a theoretical and practical viewpoint. It gives basic knowledge of what PHP is, how to program in PHP and an understanding of potential areas of use.

Module 2 Wordpress 2 credits

The second module gives an overview of what Wordpress is, potential uses as well as creations of themes.

Module 3 Project assignment 2.5 credits

The final module consists of a project assignment where the student is to create a new graphical theme with associated functions in Wordpress using PHP.

Type of Instruction

The course uses the internet as a means of conveying and distributing information and can be taken either on campus or as a distance learning course.

As a campus course the teaching consists of material distributed via the internet as well as lectures. As a distance learning course teaching consists of material distributed via the internet as well as recorded and/or streamed lectures. Tutoring and seminars is conducted by the use of videoconference.

All material is distributed and collected with the internet as a distribution platform. Feedback regarding submitted material is handled the same way.

Examination

The course is assessed with the grades U, 3, 4 or 5.

Assessment of student performance is made through written test and/or oral examinations and/or presentation of mandatory assignments. The assessment method is decided at the start of the course.

Students who do not pass the regular examination will be offered retrials close to the regular examination. The number of examinations is limited to five times.

On request, students may have their credits translated to ECTS-marks. Such a request must be sent to the examiner before the grading process starts.

Course Evaluation

A course evaluation will be carried out at the end of the course in accordance with the guidelines of the University. The result of the course evaluation will be filed at the department.

Required Reading and Additional Study Material

Required reading

- Hedengren, Thord Daniel. Smashing Wordpress: Beyond the Blog. (latest edition)

