Linnæus University

Course syllabus

Faculty of Technology
Department of Informatics

1IK425 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 Faculty of Technology 2021-06-10
The course syllabus is valid from spring semester 2022

Prerequisites
General entry requirements for university studies.

Objectives
The course is a basic course in web management. The course aims to provide a basic understanding of what web management is.
After completing the course, the students should be able to:

- demonstrate good knowledge of theoretical and practical uses for the web management
- demonstrate basic knowledge in content management and development of dynamic websites using Content Management System (CMS)
- be able to create own templates and modify existing templates in CMS based on specified requirements

Content
There are three compulsory assignments in the course. The mandatory assignments are performed individually or in groups of a maximum three students. The group assignments are theoretical in that the student should analyze and reflect on a website and use some of the methods presented to analyze and design a website. The methods and techniques used in the first two assignments will then be used in the third assignment when a redesign and development of a prototype of an existing website is to be done.

Module 1 Analysis 2 credits
This part deals with lectures and laboratory work and covers the need, user, task, and functional analysis of a website. A written report is the delivery of this assignment.

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Module 2 Design 2.5 credits
Organization schemes and structures, search, and navigation schemes. A written report and a quiz based on the course literature are the deliverables of this assignment.

Module 3 Project assignment 3 credits
The last part of the course consists of a project work where the students should implement the design changes that are identified in the analysis and design part. The prototype is created in a CMS. A written report and a presentation of the developed prototype are the deliverables of this assignment.

Type of Instruction
The teaching consists of lectures, group work and supervision. The course structure uses the internet (Learning Management System) as a form of distribution and can be read either on campus or remotely via the internet. On campus, the teaching consists of web-based material and lectures. In distance education, the teaching consists of web-based material and supervision via video conference. Materials are distributed and reported via internet as a form of distribution. The feedback on submitted material takes place in the same way.

Examination
The course is assessed with the grades Fail (U), Pass (G) or Pass with Distinction (VG).
Part 1 (Analysis) and Part 2 (Design) are assessed with U or G. The project (Part 3) is assessed with U, G, or VG. The course ends with a mandatory project. The grade VG at a course level can be obtained if the project is assessed with VG and the other two parts with at least G.

Repeat examination is offered in accordance with Local regulations for courses and examination at the first and second-cycle level at Linnaeus University.

If the university has decided that a student is entitled to special pedagogical support due to a disability, the examiner has the right to give a customised exam or to have the student conduct the exam in an alternative way.

Course Evaluation
During the implementation of the course or in close conjunction with the course, a course evaluation is to be carried out. Results and analysis of the course evaluation are to be promptly presented as feedback to the students who have completed the course. Students who participate during the next course instance receive feedback at the start of the course. The course evaluation is to be carried out anonymously.

Required Reading and Additional Study Material

Mandatory literature

- Rosenfeld, L & Morville, P: Information Architecture, 4th Edition. ISBN 13: 9781491911686. Publisher: O'Reilly Media, Inc. USA.

Rekommended reading

- Williams, A: Wordpress for Beginners 2021: A Visual Step-by-Step Guide to Mastering Wordpres. ISBN: ISBN-13 : 979-8584887780.
- King, S: Don't make me think: A Common Sense Approach to Web Usability. ISBN-13: 978-0-321-96551-6.

Reference literature

- Martin L. M.: Everyday Information Architecture, 2019. ISBN: 978-1-937557-75-1