Linnæus University

Course syllabus

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

1DV443 Linux på skrivbordet, 7,5 högskolepoäng
Linux on the Desktop, 7.5 credits

Main field of study
Computer Science

Subject Group
Informatics/Computer and Systems Sciences

Level of classification
First Level

Progression
G1F

Date of Ratification
Approved by the Board of the School of Computer Science, Physics and Mathematics
2009-11-19

Revised 2011-05-13. Revision made for English translation of the syllabus and course evaluation.

The course syllabus is valid from spring semester 2012

Prerequisites
1DV414 Network Technology I, 7.5 credits or equivalent.

Objectives
After the course the student should be able to:

- Describe the characteristics of free software
- Install a Linux Operating System
- Understand the contexture of the Linux Operating System
- Interacting with the system using shell commands
- Use the window system "X Window System"
- Install software and perform system maintenance tasks
- Integrate your computer to a Windows network

Content
Installation and configuration of Linux by focusing on desktop usage. Management of software under Linux with regard to the installation, maintenance and configuration. Integration between Linux and Windows.

Type of Instruction
Teaching consists of lectures and laboratory exercises. Attendance at labs is mandatory.

The exam is conducted as a take-home exam.

Examination
The course is assessed with the grades U,3,4 or 5.
For grade 3, the expected learning outcome has to be achieved.

The grades is based on results of written examination.The grades are G (pass) and U (fail) for laboratory work. The grades are 5 (five), 4 (four), 3 (three) and U (fail) for the written examination. To receive a final grade the student must receive at least grade 3 on the exam and grade G on labs.

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.

Reexamination is offered within six weeks under the regular semester periods. The number of examinations are limited to five times.

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

Web-based materials are provided on the course website.