Management of Computer Environment

Programme course

4 credits

Handhavande av datormiljö

TDP001

Valid from: 2017 Spring semester

Determined by
Board of Studies for Computer Science
and Media Technology

Date determined
2017-01-25

Main field of study

Programming

Course level

First cycle

Advancement level

G1X

Course offered for

- Programming, Bachelor's Programme

Entry requirements

Note: Admission requirements for non-programme students usually also include admission requirements for the programme and threshold requirements for progression within the programme, or corresponding.

Intended learning outcomes

After the course the student will be able to:

- describe how a computer and computer network works from a user perspective on a basic level
- handle own computer environment using commands and scripts
- design and implement a simple web resource
- install and administer own operating system

Course content

Craft: Efficient administraton of own computer environment. Ability to use scripts. Use a generic text editor. Handle internet connections. Publishing web pages and working with internet servers and version control systems.

Topics: What is a computer? Development of computer programming and programming languages. Operating systems. High level and scripting languages. Generic text editors. Internet and networks. Configuration. Meta data. Version control.

Teaching and working methods

The course consists of lectures, labs and own exercises. The lectures address the central topics and techniques of the course, and gives a general overview of the area of computer science. Through labs and exercises the students gain experience of different tools and techniques.

Examination

UPG1	Assignments	2 credits	U, G
LAB1	Laboratory work	2 credits	U, G

Grades are given as 'Fail' or 'Pass'.

Grades

Two-grade scale, U, G

Department

Institutionen för datavetenskap

Director of Studies or equivalent

Ahmed Rezine

Examiner

Eric Elfving

Course website and other links

http://www.ida.liu.se/~TDP001

Education components

Preliminary scheduled hours: 26 h
Recommended self-study hours: 81 h

Course literature

Material finns tillgängligt via kurshemsidor, systemets supportsidor samt webreferenser.

Common rules

Regulations (apply to LiU in its entirety)

The university is a government agency whose operations are regulated by legislation and ordinances, which include the Higher Education Act and the Higher Education Ordinance. In addition to legislation and ordinances, operations are subject to several policy documents. The Linköping University rule book collects currently valid decisions of a regulatory nature taken by the university board, the vice-chancellor and faculty/department boards.

LiU's rule book for education at first-cycle and second-cycle levels is available at http://styrdokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva.