

# Project: Personal Computer Environment

Programme course

6 credits

Projekt: Egna datormiljön

TDP003

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.

## Prerequisites

Prerequisites: (valid for students admitted to programmes within which the course is offered). 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:

- administer a working computer environment for personal use using basic scripting functionality
- use basic scripting and programming tools
- construct a web site including supporting program for handling a project portfolio
- produce written documentation for a product

## Course content

Craft: Basic ability to administer personal computer environment in practice. Ability to develop programs according to a specification for personal needs.

Techniques: Python, HTML/CSS, Emacs, bash, Linux, version handling.

## Teaching and working methods

The course will follow the general project model for IP projects.

## Examination

PRA1                      Project                      6 credits                      U, G

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

## Grades

Two-grade scale, U, G

## Other information

Supplementary courses: Following IP projects

## Department

Institutionen för datavetenskap

## Director of Studies or equivalent

Ahmed Rezine

## Examiner

Torbjörn Jonsson

## Education components

Preliminary scheduled hours: 50 h

Recommended self-study hours: 110 h

## Course literature

### Additional literature

#### Books

Steve McConnell, (2004) *Code Complete* 2nd Edition Microsoft Press  
part I,III and IV

## 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](http://styrdokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva).