



Course syllabus

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

2DV401 Mjukvaruprojekt II, 15 högskolepoäng
Software Development Projekt II, 15 credits

Main field of study

Computer Science

Subject Group

Informatics/Computer and Systems Sciences

Level of classification

First Level

Progression

G2F

Date of Ratification

Approved by the Board of the School of Computer Science, Physics and Mathematics
2009-06-23

Revised 2012-06-08. Prerequisites are revised.

The course syllabus is valid from autumn semester 2012

Prerequisites

At least 60 credits in Computer Science including 1DV407 Object Oriented Analysis and Design using UML 7.5 credits or equivalent.

Objectives

After the course the student must:

- have a detailed knowledge of the iterative software development process and its differences towards other methods
- have gained experience in developing a product from requirements to a finished and delivered product
- be able to translate theoretical knowledge into a real project
- have practical and theoretical knowledge of the usual roles in a project
- have knowledge of and being able to handle the documentation required in a larger project
- have gained experience of working with external consultants who are not computer technical oriented.

Depending on the program the student attends the tasks in the project vary.

Content

The course consists of two modules.

Module 1 Project Part 1 6 credits

Unified Process, requirements gathering, quality assurance, testing, usability, usefulness, presentation skills and group dynamics.

Module 2 Project Part 2 9 credits

Unified Process, requirements gathering, quality assurance, testing, usability, usefulness, presentation skills and group dynamics.

Type of Instruction

Lectures, seminars and projects. The project is implemented in larger groups with the goal to be at least seven people in the group. At seminars and project presentations, it is mandatory attendance.

Examination

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

Grades are given for completion of the course and based on project and personal effort. To receive a final grade of at least grade 3 in all the modules of the course must be finished. 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.

Reexaminations are offered within six weeks under the regular semester periods. The numbers 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**Reference Literature**

Web-based materials are provided on the course website.