



## Course syllabus

Faculty of Technology

Department of Computer Science and Media Technology

1DV508 Projekt i datalogi, 7,5 högskolepoäng

Project Course in Computer Science, 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 Faculty of Technology 2015-05-22

The course syllabus is valid from spring semester 2016

### Prerequisites

Programming and Data Structures (1DV007) 7.5 credits, Problem Solving and Programming (1DV006), 7.5 credits or equivalent.

## Objectives

Upon completion of the course, the student should be able to:

- understand and describe the issues associated with software development projects
- understand and describe fundamental software development activities
- plan and execute a development project.

## Content

The course introduces students to software development.

The course covers:

- an introduction to software development projects
- an introduction to principles of development project
- problem solving in teams with applications from computer science
- oral and written presentations.

## Type of Instruction

Teaching consists of lectures, seminars and practicals. Practicals are carried out in groups. Attendance at some activities may be mandatory.

## Examination

The course is assessed with the grades A, B, C, D, E, Fx and F.

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The grade A constitutes the highest grade on the scale and the remaining grades follow in descending order where the grade E is the lowest grade on the scale that will result in a pass. The grade F means that the student's performance is assessed as fail (i.e. received the grade F).

The examination is based on the students individual performance as well as the performance within the project team.

### Course Evaluation

During the course or in close connection to the course, a course evaluation is to be carried out. The result and analysis of the course evaluation are to be communicated to the students who have taken the course and to the students who are to participate in the course the next time it is offered. The course evaluation is carried out anonymously. The compiled report will be filed at the Faculty.

### Credit Overlap

The course cannot be included in a degree along with the following course/courses of which the content fully, or partly, corresponds to the content of this course: 1DV008 Project Course in Computer Science, 7.5 credits

### Other

Grade criteria for the A–F scale are communicated to the student through a special document. The student is to be informed about the grade criteria for the course by the start of the course at the latest.

### Required Reading and Additional Study Material

#### **Required reading**

DFM, *Distributed material*. Pages 100.