



# DD1332 Object Oriented Programming 7.5 credits

## Objektorienterad programmering

This is a translation of the Swedish, legally binding, course syllabus.

If the course is discontinued, students may request to be examined during the following two academic years

## Establishment

Course syllabus for DD1332 valid from Spring 2009

## Grading scale

A, B, C, D, E, FX, F

## Education cycle

First cycle

## Main field of study

Technology

## Specific prerequisites

## Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

## Intended learning outcomes

After the course you are supposed to know how to:

- explain and use object oriented concepts,
- put fundamentals of eXtreme programming into practice,
- use fundamentals of UML,
- develop large object oriented program using Java,
- given a problem decide which method for searching, sorting or storing to use,

so that you will be able to manage their own project, modelling and implementation inclusive, in working life.

## Course contents

Programming language Java. Object oriented analysis and modelling using UML. Systematic program development, extreme programming. Laboratory.

## Course literature

Winder, Roberts: Developing Java Software, third edition.

## Examination

- LAB1 - Laboratory Work, 3.0 credits, grading scale: P, F
- TEN1 - Examination, 4.5 credits, grading scale: A, B, C, D, E, FX, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

## Other requirements for final grade

Examination: 4,5 hp, grade A-F

Laboratory: 3 hp, no grade

## Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.

