



# ML1208 Product Realisation, Intermediate Course 7.0 credits

Produktframtagning fk

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

## Establishment

Course syllabus for ML1208 valid from Spring 2013

## Grading scale

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

## Education cycle

First cycle

## Main field of study

Technology

## Specific prerequisites

Knowledge equivalent to:

- CAD1 part of ML1302
- HM1018
- ML1204

## Language of instruction

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

## Intended learning outcomes

Overall objective of this course is to apply relevant knowledge from previous courses in a product development project, with focus on the design phase.

After the course the student will be able to:

- Carry out a simplified life-cycle analysis to assess a product's environmental impact.
- Carry out a simplified risk analysis in the project.
- Adapt specific project methodology on proposed product development project.
- Produce CAD models and drawings.

## Course contents

- Project comprehensive problem analysis, calculation, selection of component and production of 3D models and 2D drawings.
- 3D modeling and 2D drawings

## Disposition

Lectures  
Exercises  
Project

## Course literature

Meddelas senast en (1) månad innan kursstart

## Examination

- CAD1 - CAD Exercises, 2.0 credits, grading scale: P, F
- PRO1 - Project, 4.0 credits, grading scale: P, F
- ÖVN1 - Exercises, 1.0 credits, grading scale: P, 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.

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

## Other requirements for final grade

Approved projects  
Approved exercises

Criteria for final grade are based on examination and is announced at the start of the course.

## 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.