



MF1015 Product Realization

12.0 credits

Produktframtagning

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 MF1015 valid from Autumn 2008

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Reached at least 30 credits and the courses SD1000/4B1052, SG1130/5C1130, DN1212/2D1212

Language of instruction

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

Intended learning outcomes

Course contents

This course includes some of the most common machine elements, design aspects, project work and CAD. Basic courses in Mechanics, Strength of materials, Numerical methods, MATLAB and Mathematics.

Disposition

Period 1, 2
Lectures 42h
Tutorials 44h

Laborations 10h

Course literature

Olsson, K-O., Maskinelement
Maskinelement Handbok, Maskinkonstruktion, KTH
SKF-katalog
(All in Swedish)

Examination

- PRO1 - Project, 4.5 credits, grading scale: A, B, C, D, E, FX, F
- TEN1 - Examination, 4.5 credits, grading scale: A, B, C, D, E, FX, F
- ÖVN1 - Assignments, 3.0 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.

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.

