



# MF1015 Product Realization

## 12.0 credits

Produktframtagning

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

### 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

- ÖVN1 - Assignments, 3.0 credits, grading scale: P, F
- 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

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.

## 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.