



MF2022 Eco Design Project 6.0 credits

Projektarbete i miljöanpassad konstruktion

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 MF2022 valid from Autumn 2007

Grading scale

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

Education cycle

Second cycle

Main field of study

Mechanical Engineering

Specific prerequisites

Basic programmes as specified in the curriculum, especially MF2021 (4F1641) Environmentally Adapted Product Design.

Language of instruction

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

Intended learning outcomes

Giving skills in ecologically effective product development with help of eco industrial tools and methods.

Course contents

A close to reality project containing:

Design rules for materials choice, fastenings, surface treatment etc. Ecologically effective product structure. Disassemblability, sorting and recycling of components and materials. Life Cycle Assessments.

Course literature

Compendium an reports.

Examination

- PRO1 - Project, 6.0 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

Project 6 credits, oral and written presentation.

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.