MF2062 Industrial Design Engineering Project Course 6.0 credits

Industriell design projektkurs

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

Establishment

Course syllabus for MF2062 valid from Autumn 2012

Grading scale

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

Education cycle

Second cycle

Main field of study

Mechanical Engineering

Specific prerequisites

Language of instruction

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

Intended learning outcomes

The student will after the course:

- take practical and theoretical knowledge of the entire design process from design brief to evaluation of the finished product
- able to use methods of user-driven design and how users can participate in design process
- able to see the design process from an industrial perspective, focusing on materials, technologies and production
- Be able to see the design process from an end-user and consumer perspective

Course contents

The project has either industrial or related research-oriented ties. In the project, the various components of designrpocessen tied together into a whole.

One importen goal is the project work carried out in groups of up to three participants.

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.

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.