MF2096 Advanced Formgiving 3.0 credits

Avancerad formgivning

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

Establishment

On 2020-04-21, the Dean of the ITM school has decided to establish this official course syllabus to apply from autumn term 2020 (registration number M-2020-0856).

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Mechanical Engineering

Specific prerequisites

Knowledge in industrial design and formgiving 15 credits, corresponding to the content of courses **MF1061 Introduction to Design and Product Realisation** and **MF1062 Design and Product Realization** together.

Language of instruction

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

Intended learning outcomes

After passing the course, the students should be able to:

- create abstract shapes of high quality with respect to proportions, composition and expression.
- apply principles of form studies to the design of a simple product.
- discuss how the shape influences the perception and the understanding of a product.
- in a detailed and describing way discuss the design of an object.

Course contents

Exercises in form studies and design take place at the beginning of each week. Both quantity and quality are of great importance, as is the student's documentation of and reflection on the exercises. After briefing, the students work individually during the week with the exercise that is completed by discussions in a seminar the following week.

During the second part of the course, a smaller design project with focus on formgiving (gestalt) is carried out, based on the earlier exercises.

Examination

- ÖVN1 - Exercises, 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.

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

Advanced formgiving implies that much work will be carried out individually but based on clear guidelines. There will not be any shortcuts to master the contents of the course. Similarly, active participation in the seminars is to gain skills in industrial design.

Other requirements for final grade

The student should have completed all exercises with documentation submitted at a level in line with the volume of the course.

Active participation in seminars, exercises and presentations.

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.