



MF2097 Advanced Sketch Exercises 3.0 credits

Avancerade skissövningar

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

Establishment

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Mechanical Engineering

Specific prerequisites

Course require basic sketching skills from courses MF1061 Introduction to Design and product realisation and MF1062 Design and product realisation, or the equivalent.

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:

- visualise form and design concepts by means of freehand sketches.
- reflect on how different levels of sketches and visualisation influence discussions in a development project.
- use different techniques for freehand sketches and describe their advantages and disadvantages.
- describe how digital techniques can be used for sketching and visualisation.

Course contents

Disposition

There are unfortunately no shortcuts to become proficient in sketching, so the majority of the course consists of individual exercises. Exercises in different sketching techniques take place every week. Both quantity and quality are of great importance, as is the student's documentation of and reflection on the exercises. After each review students work individually during the week with exercises that are completed with as seminar discussions during the following week.

Invited professionals will share techniques and tips.

Course literature

Compendiums and web-based tutorials.

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.

The student should complete and submit all exercises with documentation, at a level reasonable for the scope 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.