MF1010 Machine Design Project 15.0 credits

Projektarbete i maskinkonstruktion

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 MF1010 valid from Spring 2009

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Reached least 80 credits and one of the courses
MF101X/MF102X/MF104X/MF111X/MF112X/MF114/MF116/MF106X/MF107X/MF109X/MF1022/M

Language of instruction

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

Intended learning outcomes

A possibility for more knowledge and skills in Machine Design.

Course contents

Students work alone or in small groups. Each project is clearly specified and many are related to ongoing research. The projects are of al kinds and can be construction, investigation or development work. Machine Design is a wide area and there can be projects that include electronics, software and industrial design. A researcher or doctoral student is assigned as project leader.

Course literature

Defined for each project.

Examination

- PRO1 - Project, 7.5 credits, grading scale: P, F
- PRO2 - Project, 7.5 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.

Project assignment, oral and written presentation, (PRO1; 7,5 cr and PRO2; 7,5 cr)

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.