MF2025 Project Work in Mechatronics 6.0 credits

Projektarbete inom mekatronik

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-2020-0819).

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Mechanical Engineering

Specific prerequisites

Good knowledge of mechanical design, mechatronics and electrical engineering, corresponding content in course MF1016 Basic Electrical Engineering and MF1045 Product realization - Engineering Design.

Language of instruction

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

Intended learning outcomes

The aim of the course is to confront students with research work in limited projects, defined within ongoing research. The students are trained to apply their basic scientific, technological and experimental knowledge and will be able to experience the result.

Course contents

Students work alone or in small groups. Each project is specified and related to ongoing research. A researcher or doctoral student is assigned as project leader.

Examination

- ANN1 - Project Work, 6.0 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.

Other requirements for final grade

Project assignment, oral and written presentation (ANN1; 6 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.