



EH1010 Project Course in Electrical Engineering 7.5 credits

Elektroprojekt

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

Establishment

Course syllabus for EH1010 valid from Autumn 2007

Grading scale

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

Education cycle

First cycle

Main field of study

Technology, Electrical Engineering

Specific prerequisites

Obligatory for year 1, can not be read by other students

Language of instruction

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

Intended learning outcomes

Upon completion of this course, participants shall be able to:

- describe the fundamental prerequisites for engineering development work and independently be able to perform such a work effort
- describe and use the principles of project work
- present technical information in oral and written form
- mention some fundamental prerequisites for industrial projects
- create the fundamental documents required for planning, following up, and finishing a project
- describe an interesting application of electrical engineering
- make use of the knowledge of project work and apply it throughout the education

Course contents

The course consists of planning, carrying out and presenting an electrical engineering task as a project. The task represents an activity in the field of electrical engineering at KTH.

The theoretical part consists of project models, project management, documents in project management like start-up report and progress report and finally concluding and evaluating a project.

The practical part consists of planning, carrying out and presentation of a technical task. The projects are carried out in teams of 4-5 students at the different laboratories belonging to the school of electrical engineering.

Course literature

Eriksson, M., Lilliesköld, J., Handbok för mindre projekt. Liber, 2005 (ISBN 9147052708)

Examination

- PRO1 - Project, 7.5 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.

Other requirements for final grade

Approved project assignment (PRO1; 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.