



HE110X Degree Project in Electrical Engineering, First Cycle

15.0 credits

Examensarbete inom elektroteknik, grundnivå

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

Establishment

Course syllabus for HE110X valid from Spring 2021

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

At least 120 credits of courses must be passed on the education program. The student must also have passed the relevant courses upon who the project work is based.

Language of instruction

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

Intended learning outcomes

That the student should independently apply the engineering knowledge that has been acquired during the education.

After the course, the student should:

- be able to apply knowledge and skills that have been acquired during the education on real problems
- independently be able to analyze and process a larger problem within the field of technology
- show ability to reflect around, evaluate and critically review the student's own and other people's results
- be able to document and present his/her work to a given target group with high requirements on structure, formalities and language usage
- be able to write an abstract of a report in English with correct usage of the terminology of the subject
- show ability to identify his/her need of additional knowledge and to continuously develop his/her skills

Course contents

The work should comprise problems that give a deeper and/or broader knowledge within the field of technology. The work is normally done at a workplace outside KTH. During the work the student is supervised both from a supervisor at KTH and from the employer.

Examination

- XUPP - Examination Question, 15.0 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.

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.