



Course syllabus

Faculty of Technology

Department of Physics and Electrical Engineering

5ED36E Examensarbete i elektroteknik, 30 högskolepoäng

Master's Thesis in Electrical Engineering, 30 credits

Main field of study

Electrical Engineering

Subject Group

Electrical Engineering

Level of classification

Second Level

Progression

A2E

Date of Ratification

Approved by Faculty of Technology 2015-05-22

The course syllabus is valid from spring semester 2016

Prerequisites

Bachelors degree 180 credits in electrical engineering, and at least 45 credits, 30 of which at the advanced level, or equivalent.

Objectives

The objective of the course is to obtain the skills needed to independently complete a project. The student should apply the knowledge acquired on the program to define a problem, carry out an investigation, and to analyze and present the results. The course is also intended to give the skills needed to author a report according to the standards of international publishing.

Content

The student should carry out and present a project or a research task in the form of either a scientific thesis or a written investigation or compilation based on scientific principles.

Type of Instruction

Instruction comes in the form of tuition or as supervision by external persons (at companies etc.).

Examination

The course is assessed with the grades A, B, C, D, E, Fx or F.

The grade A constitutes the highest grade on the scale and the remaining grades follow in descending order where the grade E is the lowest grade on the scale that will result in a pass. The grade F means that the student's performance is assessed as fail (i.e. received the grade F).

Thesis.

Course Evaluation

During the course or in close connection to the course, a course evaluation is to be carried out. The result and analysis of the course evaluation are to be communicated to the students who have taken the course and to the students who are to participate in the course the next time it is offered. The course evaluation is carried out anonymously. The compiled report will be filed at the Faculty.

Credit Overlap

This course cannot be part of a degree in combination with another course in which the content fully or partly correspond to the content of this course: 5ED06E Master's Thesis in Electrical Engineering

Other

Grade criteria for the A–F scale are communicated to the student through a special document. The student is to be informed about the grade criteria for the course by the start of the course at the latest.

Required Reading and Additional Study Material

Required reading

Literature and equipment is chosen in collaboration with the supervisor and the examiner.