



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 2015-05-22

Revised 2020-09-03 by Faculty of Technology. Prerequisites are revised.

The course syllabus is valid from autumn semester 2021

Prerequisites

Bachelor Degree in Engineering/Science/Technology 180 credits, and at least 45 credits in the program, of which at least 30 credits at 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.

Repeat examination is offered in accordance with Local regulations for courses and examination at the first and second-cycle level at Linnaeus University.

If the university has decided that a student is entitled to special pedagogical support due to a disability, the examiner has the right to give a customised exam or to have the student conduct the exam in an alternative way.

Course Evaluation

During the implementation of the course or in close conjunction with the course, a course evaluation is to be carried out. Results and analysis of the course evaluation are to be promptly presented as feedback to the students who have completed the course. Students who participate during the next course instance receive feedback at the start of the course. The course evaluation is to be carried out anonymously.

Credit Overlap

The course cannot be included in a degree along with the following courses of which the content fully, or partly, corresponds 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.