



## Course syllabus

Faculty of Technology

Department of Physics and Electrical Engineering

5ED36E Examensarbete i elektroteknik, 30 credits

Master's Thesis in Electrical Engineering

### **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 2022-05-16 by Faculty of Technology. Examination is revised.

The course syllabus is valid from spring semester 2023

### **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).

The project should normally be completed during 9 months after registration. If the thesis cannot be passed there is a new registration with a new or revised topic if necessary.

A milestone after 3 weeks is introduced where the student should present a report template with basic data and a short introduction included.

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 course/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.