



## Course syllabus

Faculty of Technology

Department of Physics and Electrical Engineering

5ED07E Elektroteknik, examensarbete (master), 15 högskolepoäng  
Electrical Engineering, Degree Project (Master), 15 credits

**Main field of study**

Electrical Engineering

**Subject Group**

Electrical Engineering

**Level of classification**

Second Level

**Progression**

A2E

**Date of Ratification**

Approved 2010-10-07

Revised 2017-11-13 by Faculty of Technology. Removal of ECTS-grading scale.

The course syllabus is valid from spring semester 2018

**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 Fail (U) or Pass (G).

### 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.

### Required Reading and Additional Study Material

#### **Required reading**

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