



## Course syllabus

Faculty Board of Science and Engineering  
School of Computer Science, Physics and Mathematics

5ED05E Examensarbete i elektroteknik, 15 högskolepoäng

Master's Thesis in Electrical Engineering, 15 credits

**Main field of study**

Electrical Engineering

**Subject Group**

Electrical Engineering

**Level of classification**

Second Level

**Progression**

A2E

**Date of Ratification**

Approved by the Board of the School of Computer Science, Physics and Mathematics  
2009-08-11

Revised 2010-08-03. Revision of prerequisites and course evaluation.

The course syllabus is valid from spring semester 2011

**Prerequisites**

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

### Expected learning outcomes

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).

On request, students may have their credits translated to ECTS-marks. Such a request

must be sent to the examiner before the grading process starts. Thesis.

### **Course Evaluation**

A course evaluation will be carried out at the end of the course in accordance with the guidelines of the University. The result of the course evaluation will be filed at the department.

### **Required Reading and Additional Study Material**

#### **Required reading**

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