



Course syllabus

Faculty of Technology

Department of Physics and Electrical Engineering

2ED14E Elektroteknik, examensarbete (kandidat), 15 högskolepoäng
Electrical Engineering, Degree Project (Bachelor), 15 credits

Main field of study

Electrical Engineering

Subject Group

Electrical Engineering

Level of classification

First Level

Progression

G2E

Date of Ratification

Approved 2010-08-18

Revised 2013-08-19 by Faculty of Technology. Content, examination and course evaluation are revised.

The course syllabus is valid from spring semester 2014

Prerequisites

60 credits in Electrical Engineering or equivalent.

Objectives

Upon completion of the course, the student should be able to:

- individually or in a group, find a solution to a research problem in Electrical or Computer Engineering
- individually analyze measurements and the results of calculations
- write a report and present the report.

Content

The course comprises the following topics:

- formulation of background and purpose of the degree project
- time planning of the project
- literature searches and gathering of facts
- choice of theoretical or experimental methods
- construction of a prototype when needed
- analyze of the results and conclusion
- writing of a report meeting given standards.
- oral presentation and critical review.

Type of Instruction

The degree project is done individually or in groups of two students and having regular meetings with the tutor.

Examination

The course is assessed with the grades Fail (U) or Pass (G).

The examination is done by doing an individual work, write a report, have an oral presentation and opposition. The final grade is based on the supervisors assessment, report content and the report presentation. 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.

Course Evaluation

A course evaluation will be carried out and compiled after the course is completed. The compilation will be presented to the current board as well as to the students and filed by the coordinating department.

Required Reading and Additional Study Material

Required reading

The student, together with the supervisor and the examiner, will select relevant literature for the thesis.