



Course syllabus

Faculty Board of Science and Engineering

School of Computer Science, Physics and Mathematics

2ED12E Examensarbete i elektroteknik/datateknik, 7,5 högskolepoäng

Degree Project in Electrical and Computer Engineering at bachelor level, 7.5 credits

Main field of study
Electrical Engineering

Subject Group
Electrical Engineering

Level of classification
First Level

Progression
G2E

Date of Ratification
Approved by Organisational Committee 2009-08-11

The course syllabus is valid from spring semester 2010

Prerequisites
120 credits in Electrical or Computer Engineering.

Expected learning outcomes

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 meeting given standards 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
- oral presentation of the report

Type of Instruction

Lectures and tutoring.

Examination

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

A translation of the grade to the ECTS scale may be obtained upon request. The request for a translation should be made before the grade for the course is awarded.

Course Evaluation

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