



Course syllabus

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

2ED15E Examensarbete i elektro/datateknik, 30 högskolepoäng
Degree Project in Electrical and Computer Engineering at bachelor level, 30 credits

Main field of study

Computer Engineering, Electrical Engineering

Subject Group

Electrical Engineering

Level of classification

First Level

Progression

G2E

Date of Ratification

Approved by Organisational Committee 2009-11-17

The course syllabus is valid from spring semester 2010

Prerequisites

The student should have the equivalent of 120 hec in Electrical or Computer Engineering.

Expected learning outcomes

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

- individually or in a group, be able to find a solution to a research problem in Electrical or Computer Engineering
- together with a supervisor, be able to construct relevant assessment methods related to the problem
- be able to perform searches in literature and to critically evaluate the information
- be able to analyse measurements or results of calculations
- be able to write a report meeting given standards and individually make a presentation of the thesis work

Content

The course comprises the following topics:

- an introduction in the subject area
- time planning of the project
- literature searches
- an introduction in the chosen theoretical or experimental methods

- find a method for a given problem e.g. construction of a prototype
- research and writing of a report
- oral presentation of the research results

Type of Instruction

Supervision and tutoring

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.

Assessment is based on the written report, the oral presentation and the defense.

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.