Linnæus University

Course syllabus

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

2ED06E Examensarbete i elektroteknik/datateknik, 15 högskolepoäng

Degree Project in Electrical and Computer Engineering at bachelor level, 15 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
The student should have the equivalent of 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

- construct relevant assessment methods related to the problem
- individually analyse measurements and the results of calculations
- write a report meeting given standards and present the report

Content

The course comprises the following topics:

- an introduction in the subject area
- time planning of the project
- literature searches and gadering of facts
- choice of theoretical or experimental methods
- construction of a prototype when needed

- analyse of the results and conclusion
- research and writing of a report
- oral presentation of the report

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 of the students perfomance is based on the written report and the oral presentation.

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.