



II1332 Project in Electronics and Computer Engineering 7.5 credits

Projekt i elektronik och datorteknik

This is a translation of the Swedish, legally binding, course syllabus.

If the course is discontinued, students may request to be examined during the following two academic years

Establishment

Course syllabus for II1332 valid from Autumn 2012

Grading scale

A, B, C, D, E, FX, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

In this course a group of students will carry out a project from order to final design.

The course participant shall after the course be able to

- implement a project management model to a real project
- analyse problems and suggest ways to solve them
- establish and continuously follow up a project plan
- do an information search and collect relevant facts for the project
- demonstrate the ability to use relevant knowledge to solve the task
- build a prototype and evaluate the design
- implement a design that meets a given specification
- develop a prototype and test and evaluate the design
- demonstrate the ability to work with others in a mixed group
- describe and evaluate their independent contributions in the context of project work
- do a technical documentation of the project
- do a written and oral presentation of the project

Course contents

Real project of a electronic and computer based design. Project planning with a real project model. The project is done at our department with available resources. The project group will have contact with the orderer continuously during the project to discuss and evaluate the project work. A written and oral presentation of the project.

Examination

- PRO1 - Project, 7.5 credits, grading scale: A, B, C, D, E, FX, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

Other requirements for final grade

Approved project work (PRO1; 7,5 credits).

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.