



El2610 Industrial Innovation Project 12.0 credits

Industriellt innovationsprojekt

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

Establishment

Course syllabus for El2610 valid from Spring 2019

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Electrical Engineering

Specific prerequisites

Language of instruction

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

Intended learning outcomes

After the course, the student should be able to:

implement a project management model to a real project.

establish and continuously follow up a project plan.

perform a project according to the formats and qualities of a company in the electric power industry.

show awareness of social and ethical aspects including economically, social and ecologically sustainable development

use recent scientific results from the electric power area and from the business area in performing a specific project.

clearly describe how the results from the project creates value for the company and describe it as a part of a business plan.

Course contents

The main content of the project course is to perform a technical innovation project towards a company. In the project you act as consultants towards the company and performs the project according to their expectations in format and quality.

Disposition

During the course you will be provided with lectures and material that is needed for performing the project. The project group develops a project plan and performs the project according to that.

The results from the project is presented in a written report and in a final project review.

Course literature

Kurslitteratur består av projektbeskriving, utdelad relevant litteratur beroende på projektet. Studentgruppen förväntas själva finna den litteratur som är nödvändig för projektets genomförande.

Examination

- PRO1 - Project 1, 12.0 credits, grading scale: P, 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.

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

Other requirements for final grade

Approved project report. Participated in all compulsory moments in the project as project introduction, project plan review, mid project review and final project result presentation.

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.