



EH2720 Management of Projects 7.5 credits

Projektstyrning

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

Establishment

Course syllabus for EH2720 valid from Autumn 2010

Grading scale

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

Education cycle

Second cycle

Main field of study

Electrical Engineering

Specific prerequisites

For single course students: 120 credits and documented proficiency in English B or equivalent

Language of instruction

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

Intended learning outcomes

Upon completion of this course, participants shall understand what a project manager does and how one works in an industrial project by being able to:

- describe and apply the different phases of a project, i.e. plan, follow up, and finish a project
- use methods and tools for planning and following up a project considering time, costs and resources
- give examples of how activities such as project meetings and documentation are carried out and managed
- with the starting point of an project model create necessary project documentation
- plan and perform a risk analysis
- analyse an industrial project
- present results through oral and written communication

Course contents

The course focuses on creating an understanding of problems connected with technical management rather than offering practical competence in a particular project method. Nevertheless, invited guest lecturers will present examples of different project models.

Within the course the following moments are treated: the "project" as a working form, product development, delivery and procurement projects, interplay between supplier and customer, presentation and examples of project models, the different phases of a project, the bidding process, risk analysis, leadership, group dynamics, documents in a project, for example, request for bid, bid, contract, project manuals, project plan/start-up reports, progress reports, project conclusion, and evaluation, quality standards.

Course literature

Handbook for small projects

Examination

- PRO2 - Project, 1.5 credits, grading scale: P, F
- SEM1 - Seminar, 0.8 credits, grading scale: P, F
- PRO1 - Project, 0.0 credits, grading scale: P, F
- PRO4 - Project, 1.5 credits, grading scale: P, F
- PRO3 - Project, 1.5 credits, grading scale: P, F
- PRO5 - Project, 2.2 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

80 % mandatory class attendance (SEM1; 0,8 p).

5 written exercises (PRO1: 1,5p + PRO2: 1,5p + PRO3: 1,5 p + PRO4: 2,2 p).

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.