



EH2070 Project Management and Business Development 6.0 credits

Projektstyrning och verksamhetsutveckling

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

Establishment

Course syllabus for EH2070 valid from Spring 2019

Grading scale

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

Education cycle

Second cycle

Main field of study

Electrical Engineering

Specific prerequisites

For non-program students: 120hp and Swedish B and English A or the equivalent.

For student on the program Master of Engineering and teacher, the course at school year 4 is given or 5, and the course Organisational development, project and professional roles part I constitute entry requirements.

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 participant should understand what a project manager does and how one works in an industrial project and be able to:

- describe and apply the different phases in a project i.e. planning, follow-up and completion of a project
- use methods and tools to plan and follow up projects taking into consideration time, cost and resources
- give examples of how activities such as planning, project meetings, documentation and oral presentation should be carried out
- based on a model for projects, create necessary documentation for a project
- plan and carry out a risk analysis
- analyse an industrial project, present results using oral and written communication

Course contents

The course focuses more on understanding and awareness of the problems associated with project management than on giving practical skills in a certain method for projects. Examples of different project models are, however, given by invited guest lecturers.

In the course, the following topics are covered: the project as work method, development, delivery and purchasing projects, the interaction between customer and supplier, overview and examples of project models, the different phases of a project, tender procedure, leadership, group dynamics, risk analysis, the project document (for example the opening for estimates, tender, contract, documentation of the project, project plan, final report and evaluation.

Course literature

Eriksson, M., Lilliesköld, J., Handbok för mindre projekt. Liber, 2005 (ISBN 9147052708)

Examination

- PRO2 - Project Task, 1.5 credits, grading scale: P, F
- SEM1 - Seminars, 0.8 credits, grading scale: P, F
- PRO1 - Project Task, 1.5 credits, grading scale: P, F
- PRO4 - Project Task, 0.7 credits, grading scale: P, F
- PRO3 - Project Task, 1.5 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 % Attendance on lectures (SEM1; 0.8 hp).

Five written assignments: PRO1 1.5 hp PRO2 1.5 hp PRO3 1,5 hp PRO4 0,7 hp:

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.