



EH2010 Management of Technology 7.5 credits

Projektstyrning

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 EH2010 valid from Autumn 2007

Grading scale

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

Education cycle

Second cycle

Main field of study

Specific prerequisites

General admission requirements

Language of instruction

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

Intended learning outcomes

The overall aim of the course is to give participants an understanding of the problems connected with the management of industrial projects.

Upon completion of this course, participants shall:

- be well acquainted with the different phases of a project
- be able to create and use the documents required for defining, planning, managing, and reporting a project

be knowledgeable about how activities such as project meetings, documentation, oral presentations, and risk analysis are carried out and led

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

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

Examination

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

Other requirements for final grade

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

5 written exercises (PRO1: 0,0p + PRO2: 1,5p + PRO3: 1,5 p + PRO4: 1,5 p + PRO 5: 2,2p)).

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.