



HF1900 Engineering and Information Skills 7.5 credits

Informationsteknik och ingenjörsmetodik

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

Establishment

Course syllabus for HF1900 valid from Autumn 2007

Grading scale

P, F

Education cycle

First cycle

Main field of study

Industrial Management, Technology

Specific prerequisites

Language of instruction

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

Intended learning outcomes

The main aim of the course is that the student shall participate and in an active way force a project.

The students shall after the course in a project know:

- How to make a pilot study and make realistic aims.
- How to do a realistic timetable for a project put it in relation with the personal job card and afterwards analyse the result.
- In writing formulate background, problem, aim, delimitation and methods of solutions.
- Lead meetings and lead the work of a group.
- Write summons with agenda and write a record.
- Write and give an account of a report and at that use suitable technical solutions.

The students shall with a word processor and a calculating program after the course is able to:

- Write a report
- Make control and follows up of a project.

In dynamic of a group:

- Give an account of stressing the importance of rules in a group.
- Tell about the dynamic when a group is formed

Presentation technique:

- Easily and stringent write a text.
- Make the presentation of a report in away that makes it easy to understand and nice to listen at.

Looking for information:

- Seek information in scientific data bases.
- Factual checkups.

Course contents

- Methods of project and how to force a project.
- Computer exerzises
- Information seeking
- Dynamics of a group
- How to present a report

Course literature

Projekthandbok
Textmaterials

Examination

- ÖVN1 - Exercises, 3.0 credits, grading scale: P, F
- PRO1 - Project Work, 4.5 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

Passed project report and oral presentation
Passed exercises

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.