



KH1150 Engineering Skills 9.0 credits

Informationsteknik och ingenjörsmetodik

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

Establishment

Course syllabus for KH1150 valid from Autumn 2007

Grading scale

P, F

Education cycle

First cycle

Main field of study

Chemistry and Chemical Engineering, 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 goals of the course are to give the students

- an insight into the role of the chemical engineer and knowledge of engineering methodology
- basic knowledge of computers as a working tool
- proficiency in working in a project-oriented manner
- basic knowledge of presentation techniques
- basic knowledge of group dynamics
- experience in method and knowledge application in a designated project

Course contents

Course literature

Andersen E. S., Schwencke E. "Projektarbete – en vägledning för studenter" Studentlitteratur, 1998, ISBN 91-44-00890-2

Andersson, Sonesson, Vannerberg "Kemin i samhället", Liber, 2001

Examination

- SEM1 - Seminars, 1.5 credits, grading scale: P, F
- ÖVN1 - Exercises, 3.0 credits, grading scale: P, F
- PRO1 - Project, 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.

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.