KH1341 Environmental Technology 7.5 credits

Miljöskyddsteknik

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 KH1341 valid from Autumn 2007

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Language of instruction

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

Intended learning outcomes

To provide deeper knowledge and understanding of different strategies and technical measures that can bee taken to prevent or reduce emissions of various pollutions in the air, water and ground, as well as reduction of the production of waste, waste handling, recycling systems and remediation measures. The course is focused on industrial environmental technology.

Course contents

Cleaner production strategies.

Air pollution control and gas cleaning technology.

Municipal and industrial waste water treatment.

Municipal and industrial waste treatment.

Systems approach to environmental problems by identification, analysis and implementation.

Course literature

Persson, P.O., 2005. Miljöskyddsteknik (Environmental Technology). Div of Industrial Ecology, KTH.

Examination

- PRO1 - Project, 2.0 credits, grading scale: P, F
- TEN1 - Written examination, 4.5 credits, grading scale: A, B, C, D, E, FX, F
- ÖVN1 - Exercises, 1.0 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

TEN1; 4,5 cr, SEM1; 1 cr. PRO1; 2 cr

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.