SA1007 Engineering Skills 6.0 credits

Ingenjörsrollen och ingenjörskunskap

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

Establishment

Course syllabus for SA1007 valid from Autumn 2020

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Only for students at study program COPEN.

Language of instruction

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

Intended learning outcomes

On completion of the course, the student should be able to

- be able to make informed choices both during the study period and beyond
- critically review and reflect on the role of the engineer in a sustainable society
- account for the main features of the science theory and technology history
- identify and discuss ethical occupational problems
- plan and implement projects in a group
- document and present their work both in writing and orally
- reflect on their own learning and identify their need for further knowledge

Course contents

Study technique, self-responsibility, self-development during a career, self-reflection, communication skills.

Examination

- PROA - Project, 1.5 credits, grading scale: P, F
- PROB - Project, 1.5 credits, grading scale: P, F
- PROC - Project, 1.5 credits, grading scale: P, F
- PROD - Project, 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.

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.