



DM1998 Engineering Training Course 13.0 credits

Ingenjörinriktad yrkesträning

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

The official course syllabus is valid from the autumn semester 2023 in accordance with head of school decision: J-2022-0523. Decision date: 2022-05-17.

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology

Additional regulations

A student who carries out the course should act in accordance with the following:

- I consider all people to be of equal value. All students and staff at KTH have the same rights, opportunities and obligations, regardless of sex, transgender identity or expression, ethnicity, religion or other belief, disability, sexual orientation or age.

- Equal conditions at KTH implies a respectful and inclusive work and study environment free from harassment, sexual harassment, discrimination and offensive behaviour. I, like every student and employee, have a responsibility to treat others with respect in all meetings and to promote a secure and prejudice-free study and work environment.
- I will always lead by example and maintain a professional approach to all meetings and in all my communication. I treat all students, staff and other partners with respect and consideration, irrespective of their social background, sex, transgender, identity or expression, ethnicity, religion or other belief, disability, sexual orientation or age.
- I am aware that discrimination, harassment, sexual harassment and victimisation, as well as any contravention of KTH's core values and guidelines, may be ground for disciplinary action.

Specific prerequisites

Of the compulsory courses in the master of science in engineering programme in media technology (CMETE) in year 1 and year 2 and the course DM1595 Program development for interactive media, at least 102 credits must be completed by 1 November.

Language of instruction

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

Intended learning outcomes

After passing the course, the student should be able to:

- identify different possibilities and preconditions for the applicability of knowledge
- relate to the demands on, and skills that are expected from, professional engineers in working life that are not of strictly technical character
- identify, acquire and choose relevant information regarding technical and engineering issues
- explain the multi-faceted role that today's professional engineers encounter
- summarise experiences/learnings from the course, both orally and in writing, connected to knowledge from previously read courses in the programme
- reflect on the professional role of the engineer today and in the future
- interact with professional engineers and other professional actors in the area of engineering to carry out given tasks

in order to

- be able to relate to the professional preconditions and possibilities of an engineer in the area of working life that the chosen organisation/workplace represents.

Course contents

- The professional role of the engineer: participation in work that is relevant for engineers in the field
- The professional role of the engineer: reflection on how experiences come to use in the professional role and how needs of additional knowledge are identified and acquired,
- Project organisation: the student reflects on different technical roles and how they cooperate,
- Company organisation: the student reflects on cooperation with professional roles in subjects other than their own
- Engineering skills: oral and written communication and cooperation with other professional actors.

Examination

- INL1 - Weekly reflections, 8.0 credits, grading scale: P, F
- INL2 - Final report, 4.0 credits, grading scale: P, F
- SEM1 - Seminar, 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.

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.