



# DM1022 Engineering Practice and Development in Media Technology 7.5 credits

Kompetens och utveckling inom medieteknik

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 DM1022 valid from Autumn 2008

## Grading scale

P, 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

The goals of the course are to give the students

- understand the importance of personal and professional development in different fields of technique
- have been stimulated to see future possibilities within business and technique
- have a good ability to understand the user's point of view
- have got further training in writing, presentation technique and reflection of future work
- be able to transform human needs of goods, services and systems to concepts of engineering
- be able to understand the own responsibility at work, and be able to put up aims and sub aims for work and personal development

## Course contents

- Developing social and emotional competence
- Group dynamics and team building
- Process concepts and project management
- Conflict treating, communication, ethic and moral
- Social responsibility, orientation of the surrounding world, building net works and mentorship
- Communication
- The engineer's function in society, earlier, now and in the future

## Examination

- ANN1 - Assignment, 3.0 credits, grading scale: P, F
- ANN2 - Assignment, 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.

## Other requirements for final grade

Compulsory participation in lectures and seminars. Compulsory participation in exercise sessions.

ÖVN1; 3 university credits)

Passed seminar papers and reports

(ÖVN2; 4,5 university credits)  
In total credit rate failed, passed.

## **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.