



# DM128X Degree Project in Media Technology, First Cycle 15.0 credits

Examensarbete inom medieteknik, grundnivå

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 DM128X valid from Spring 2017

## Grading scale

P, F

## Education cycle

First cycle

## Main field of study

Technology

## Specific prerequisites

At least 75 % of the compulsory credit from school year 1, school year 2 and period 1 in school year 3 in the engineering programme in media and communication technology must be completed to the 1/11.

## Language of instruction

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

## Intended learning outcomes

The student should after completed Bachelor's degree project in media technology be able to

- apply skills and knowledge acquired in the field of media technology on a problem
- identify, formulate and solve problems and carry out assignments within given time frames
- reflect on, evaluate and discuss critically one's own scientific results and those of others
- based on a given problem formulation, choose, adapt and combine different methods as well as be able to justify and reflect critically about these choices
- search, collect, evaluate and critically interpret relevant information for a problem
- account for and discuss information, problems and solutions
- identify their need of additional knowledge and to develop their skills
- independently work within the field of media technology
- make assessments in the field of media technology informed by relevant disciplinary, social and ethical issues
- in speech and writing account for and discuss information, problems and solutions in dialogue with different audiences.

## Course contents

The degree project should treat a, from a media technology aspect, interesting problem. For the assignment to be appropriate as degree project, there need to be interesting issues from the subject area to investigate. The emphasis of the work should lie on investigation and analysis. Possibly practical work, for example programming, should be of subordinate importance and aim for examining questions at issue.

Included in the work is to make a precise specification and time plan for the assignment and to search and read literature relevant for the degree project. The extent should be such that it is clear that the student has worked half-time during a semester. The work should be presented in writing in a report and be presented in speech. Compulsory supervision meetings will occur.

## Course literature

- Rienecker, L. & Jørgensen, P. S. (2008). Att skriva en bra uppsats. Malmö: Liber
- Litteratur som bestäms i samråd med handledaren
- Ytterligare material tillkommer.

## Examination

- MET1 - Methods, 3.0 credits, grading scale: P, F
- XUPP - Exam project, 12.0 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.