



DM1021 Audio and Video Technology 7.5 credits

Audio- och videoteknik

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

Establishment

Course syllabus for DM1021 valid from Autumn 2008

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

2D2011/DM1011 Introduction to Media Technology for Bachelors or the equivalent.

Language of instruction

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

Intended learning outcomes

The goal of the course is to give the students

- knowledge of digital techniques used in audio and video production so that they will be able to
- use and customize these techniques for different types of productions.

Course contents

CD and DVD technology. Digital audio and video. Storage and search of information. Distribution of new programs. Digital signal processors. Anticipated future development.

Course literature

Digital ljudlagring på CD och DVD
Course material written by Trille Fellstenius.
Digital ljudteknik , Hans Erik Järvenhag

Examination

- PRO1 - Project, 3.0 credits, grading scale: P, F
- TEN1 - Examination, 4.5 credits, grading scale: A, B, C, D, E, FX, 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.

Other requirements for final grade

Examination (TEN1; 4,5 university credits).
Project work (PRO1; 3 university credits).

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.