



# DM1030 Television Technology

## 7.5 credits

TV-teknik

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

### Establishment

Course syllabus for DM1030 valid from Autumn 2008

### Grading scale

A, B, C, D, E, FX, 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 goal of this course is to give you

- knowledge of recipient wishes, televisions' range of expression and how these are produced,
- knowledge of television and video techniques' technical systems, possibilities and limitations,
- knowledge of methods for contribution, distribution and storage of TV and video signals, so that you
- can understand TV and video techniques production methods and the opportunities and limitations of analogue and digital technical aids,
- can manage a simple video recording project, including the various aspects of preparatory work, logistics and practical recording work,
- gain an insight into television and video techniques opportunities for further development of new platforms.

## Course contents

Man as the recipient, the tools of expression of moving images and creative processes, production systems and processes for television production, light and space dimensions. Recording techniques, OB-techniques, distribution techniques, development tendencies.

## Course literature

John Watkinson: Convergence in Broadcast and Communications Media, ISBN 0 240 51509 0.

The course literature consists partly of PDF files and printed matter not available in an alternative format.

## Examination

- ANN1 - Assignment, 1.5 credits, grading scale: P, F
- TEN1 - Examination, 4.5 credits, grading scale: A, B, C, D, E, FX, F
- LAB1 - Laboratory Work, 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.

## Other requirements for final grade

Examination (TEN1; 4,5 university credits).

Laboratory assignments (LAB1; 1,5 university credits).

Other course components (ANN1; 1,5 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.