DM1572 Introduction to Media Technology 7.5 credits

Introduktion till 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 DM1572 valid from Autumn 2016

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology

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

- reflect on, compare, and create their own definitions of "Media technology", "Media industry", and "Media technology industry"
- get an overview and discuss both the topic and the education area of Media technology
- explain what it takes to mediated communication to work, both in technical and non-technical aspects
- describe typical roles and tasks for an engineer in Media technology, both in and outside the Media industry
- describe the key actors, structures, organizations, development and history of the Media industry
- reflect, discuss, and argue about consumers (individuals, companies, and organizations) needs, choices and preferences for Media consumption and Mediated communication
- reflect, discuss and argue about your role as a student, your study and responsibility for the learning process
- program a simple sensor platform
- search and evaluate information
- assimilate content in simpler research reports
- write a simple structured scientific report
- account for KTH and university history and their role in society development
- use the KTH education environment with computers, study administration system mm.
- understand and use basic Media technology terminology
- discuss what constitutes research in Media technology today
- reflect on the sustainable development of sensor-based systems

so that they will

- have a basis for the following education
- gain insight into skills needed in future carrier opportunities

Course contents

The course is meant to give an introduction to many things:

- relevant subjects
- the media industry
- professional roles
- use of sensor platforms
- KTH
- higher studies
- the rest of the education programme.

Specific prerequisites

The course is available only for students studying Master of Science in Engineering, Media Technology (CMETE).

Course literature

It will be notified during the course on the course website.

Material produced at the department.

Links to tutorials.

Examination

- INL1 - Assignment, 1.5 credits, grading scale: P, F
- PRO1 - Project, 2.0 credits, grading scale: P, F
- ÖVR1 - Other, 4.0 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.

In this course all the regulations of the code of honor at the School of Computer science and Communication apply, see: http://www.kth.se/csc/student/hederskodex/1.17237?l=en_UK.

Other requirements for final grade

The grade Passed (P) it requires Passed (P) grades on all parts of the course.

More information and details are available on the course website.

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.