LD1005 Digital Presentations and Video in Teaching 2.0 credits

Digitala presentationer och video i undervisningen

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

The official course syllabus is valid from the autumn semester 2023 in accordance with the decision by the Head of the ITM School: M-2023-0161. Date of decision: 25/01/2023

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology and Learning

Specific prerequisites

General entry requirements only

Language of instruction

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

Intended learning outcomes

After passing the course, the student should be able to:

Give an account of how multimedia can be used to improve learning, based on research and the course literature.

Use digital tools and technologies that support learning, and create multimedia-based teaching resources and learning environments.

Understand and analyse how visualisations and animations can enhance students' learning.

Course contents

The purpose of the course is to develop knowledge and skills to understand, analyse, plan and implement digital tools and multimedia in the teaching. The participants learn basic principles of how multimedia can be used to improve students' learning. Examples of course content:

- Analysis and creation of presentations and video materials that can be used to support learning.
- Presentation of various examples, tools and equipment to create simple visualisations.
- Lectures and demonstrations of technical aspects of multimedial creation, such as camera shots, sound and lighting.

Examination

- LEXA - Continuous Assessment, 2.0 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.

Continuous assessment. The examination components include e.g. multiple-choice questions, open questions and case assignments. For a final grade, a Pass on all examination components is required.

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.