Digital Media

Programme course

6 credits

Digitala medier

TNM088

Valid from: 2017 Spring semester

Determined by
Board of Studies for Computer Science
and Media Technology

Date determined
2017-01-25

Main field of study
Media Technology and Engineering

Course level
First cycle

Advancement level
G1X

Course offered for
- Media Technology and Engineering, M Sc in Engineering

Entry requirements
Note: Admission requirements for non-programme students usually also include admission requirements for the programme and threshold requirements for progression within the programme, or corresponding.

Intended learning outcomes
After completing the course, the participants should have an introductory knowledge in the digital media area. In one area, of the student's own choice, a more in-depth knowledge is given. After the course, the student should be familiar with the project model as a tool and have basic knowledge in report writing. Furthermore, the student should have knowledge about issues related to information retrieval, plagiarism and ethics. After completing the course, the participants should be able to:

- explain the technical conditions for image reproduction
- describe the technical conditions for audio and video recording.
- use tools for basic image processing, video production and computer graphics.
- apply elementary knowledge in typography and graphic design.
- analyse the role of dramaturgy in a cinematic narrative.
- discuss and analyse ethic questions in a case scenario.
- plan and implement a project by applying a basic project model.
- apply the basics of report writing under specified conditions.
- present a statement orally to an audience under specified conditions.

Course content
The course is based on the area blocks imaging, graphics, film/video, audio and publishing. Further, the course includes a communication track, allowing the students to practice their oral and written communication skills.

Teaching and working methods

During the first period, the course consists of weekly themes through lectures, seminars, group work and assignments. During the second period, the main work in the course is conducted through a group project.

Examination

UPG2	Project presentation	1 credits	U, G
PRA2	Project work	2 credits	U, G
UPG1	Assignment	2 credits	U, G
KTR1	Written test	1 credits	U, G

Grades are given as ’Fail’ or ’Pass’.

Grades

Two-grade scale, U, G

Department

Institutionen för teknik och naturvetenskap

Director of Studies or equivalent

Camilla Forsell

Examiner

Daniel Nyström

Education components

Preliminary scheduled hours: 64 h
Recommended self-study hours: 96 h

Course literature

Additional literature

Other

Documentation will be presented during the course.

Common rules

Regulations (apply to LiU in its entirety)

The university is a government agency whose operations are regulated by legislation and ordinances, which include the Higher Education Act and the Higher Education Ordinance. In addition to legislation and ordinances, operations are subject to several policy documents. The Linköping University rule book collects currently valid decisions of a regulatory nature taken by the university board, the vice-chancellor and faculty/department boards.

LiU's rule book for education at first-cycle and second-cycle levels is available at http://styrdokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva.