

Digital Image Editing

Programme course

6 credits

Digital bildbehandling

TNGD05

Valid from:

Determined by

Board of Studies for Computer Science
and Media Technology

Date determined

2017-01-25

Main field of study

Graphic Design and Communication

Course level

First cycle

Advancement level

G1X

Course offered for

- Graphic Design and Communication, Bachelor's Programme

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

The course aims to provide fundamental knowledge and understanding of digital image acquisition, image editing, digital image technology and work procedures. On conclusion, the students shall :

- Have knowledge about fundamental principles for digital image acquisition.
- Have knowledge about basic techniques and methods in digital image editing
- Have knowledge about technical requirements regarding the publishing of digital images.
- Have ability to apply several techniques and methods for digital image production.
- Have ability to assess the need for and effects of digital image editing.

Course content

- Technology and platform requirements for digital image publishing.
- Techniques, tools and procedures for digital image editing.
- Digital photography.
- The practise of image manipulation i current visual media.
- The purpose and practise of image manipulation in a historic perspective,
- Image creation using pixel an object graphics.
- Practical work with exercises and production of edited digital images.

Teaching and working methods

Lectures, studio work and hand-in assignments.

Examination

UPG8	Hand-in assignments	5 credits	U, 3, 4, 5
LAB4	Laboratory work	1 credits	U, G

Mandatory participation in some lectures and scheduled studio work as well as common presentations.

Grades

Four-grade scale, LiU, U, 3, 4, 5

Department

Institutionen för teknik och naturvetenskap

Director of Studies or equivalent

Camilla Forsell

Examiner

Tomas Törnqvist

Education components

Preliminary scheduled hours: 38 h

Recommended self-study hours: 122 h

Course literature

Individuella val, kopplade till rapportuppgift.

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://stydokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva.