Media Production - Processes and Tools

Programme course

6 credits

Medieproduktion - processer och verktyg

TNGD42

Valid from: 2018 Spring semester

Determined by
Board of Studies for Computer Science
and Media Technology

Date determined

Main field of study

Graphic Design and Communication

Course level

First cycle

Advancement level

G1X

Course offered for

- Bachelor's Programme in Graphic Design and Communication

Intended learning outcomes

The aim of the course is to introduce foundational theories and well established knowledge about work processes in media production, color system, computer graphics etc. Techniques, methods and software used in media production are introduced and practiced.
After completing the course, students is expected to

- Be able to account for basic knowledge about visual perception, color systems, computer graphics and media production.
- Have demonstrated skills in effectively within a given time frame use modern software and methods for graphic media production.
- Have demonstrated skills in effectively within a given time frame create and publish content using modern web technology.

Course content

The theoretical framework of the course comprises:

- Work processes and professional roles in media production,
- Visual perception,
- Foundations of color systems and color reproduction,
- Computer graphics, hardware, file formats, data compression methods

The practical and laboratory content of the course comprises:

- Web development and publishing using HTML, CSS and JavaScript,
- Software for computer graphics and media production, such as Adobe Creative Cloud

Teaching and working methods

Lectures, Lessons, Video guides and other forms of self-study material,
Laboratory work, Company visits.

Examination

LAB1	Laboratory work	3 credits	U, G
KTR1	Written test	1 credits	U, G
DAT1	Computer examination	2 credits	U, G

Grades

Two grade scale, older version, U, G

Department

Institutionen för teknik och naturvetenskap

Director of Studies or equivalent

Camilla Forsell

Examiner

Tobias Trofast

Education components

Preliminary scheduled hours: 68 h
Recommended self-study hours: 92 h

Course literature

Other

Kurslitteratur meddelas vid kursstart