



COURSE SYLLABUS

Digital Image Management, 6 credits

Digital bildhantering, 6 högskolepoäng

Course Code:	TDBK14	Education Cycle:	First-cycle level
Confirmed by:	Dean Apr 10, 2013	Disciplinary domain:	Technology (95%) and social sciences (5%)
Revised by:	Director of Education Mar 19, 2014	Subject group:	TE9
Valid From:	Jan 1, 2015	Specialised in:	GIF
Version:	2		
Reg number:	JTH 2014/936-122		

Intended Learning Outcomes (ILO)

On completion of the course, the student should

Knowledge and understanding

- be aware of the most common compression techniques and its properties.
- demonstrate knowledge of analog and digital formats in postproduction.
- demonstrate an understanding of basic camera techniques and camera theory.
- demonstrate an understanding of finance and costing for benefit analysis of projects of services industry.

Skills and abilities

- demonstrate skills of selecting and applying methods and techniques for color correction from specification.
- demonstrate the ability of choosing the compression method and produce sequences based on different specifications to delivery.

Contents

The course covers camera techniques and camera theory linked to the production of CGI sequences. Basic format and compression knowledge provides a foundation for efficient workflow in postproduction chain. The course also covers the economy and costing of CGI projects.

The course contains the following elements:

- Analog and digital camera techniques
- Color Theory
- Color Correction
- Format
- Compression
- Finances and Profitability

Type of instruction

Lectures

Workshops

Supervision

The teaching is conducted in English.

Prerequisites

General entry requirements and completed the course in Compositing II, 12 credits eller 3D II, 12 credits (or the equivalent).

Examination and grades

The course is graded 5,4,3 or Fail.

Registration of examination:

Name of the Test	Value	Grading
Examination	6 credits	5/4/3/U

Course literature

Literature

The literature is preliminary until one month before the course starts.