



COURSE SYLLABUS

Compositing I, 9 credits

Compositing I, 9 högskolepoäng

Course Code:	TC1G14	Education Cycle:	First-cycle level
Confirmed by:	Dean Apr 8, 2014	Disciplinary domain:	Technology (95%) and social sciences (5%)
Revised by:	Director of Education Apr 7, 2015	Subject group:	TE9
Valid From:	Aug 1, 2015	Specialised in:	G1N
Version:	2		
Reg number:	JTH 2015/1580		

Intended Learning Outcomes (ILO)

On completion of the course, the student should

Knowledge and understanding

- have knowledge of key concepts in compositing for digital image (spatial resolution, bit depth, channels, color spaces, premultiplikation, aspect ratio, file format, etc.)
- demonstrate knowledge of basic 3D compositing techniques (3D tracking, objects, materials, cameras, projection, etc.)
- demonstrate an understanding of the key elements in the work process and methodology for compositing

Skills and abilities

- demonstrate proficiency in applying basic techniques of compositing (roto, paint, keying, filtering, tracking, transformations, color
- demonstrate an ability to find, and with some help use, documentation and guides to solve the software-related user problems.

Contents

This is the first course of three dealing with compositing from a theoretical and technical perspective. This course provides an overview of the basic operations, the work function and application of current software.

The course contains the following elements:

- The fundamentals of compositing theory
- Basic compositing techniques
- Workflow and Process
- Work methodology and structure

Type of instruction

Lectures

Workshops

Supervision

The teaching is conducted in English.

Prerequisites

General entry requirements (or the equivalent).

Examination and grades

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

The final grade for the course is based upon a balanced set of assessments.

Registration of examination:

Name of the Test	Value	Grading
Examination	9 credits	5/4/3/U

Course literature

Literature

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

The Foundry Nuke Documentation

Ron Brinkmann, The Art and Science of Digital Compositing (Second Edition)

ISBN: 0123706386