



COURSE SYLLABUS

Rotoscoping and Plate Preparation, 9 credits

Rotoscoping och förarbete, 9 högskolepoäng

Course Code:	TRFK17	Education Cycle:	First-cycle level
Confirmed by:	Dean Feb 1, 2017	Disciplinary domain:	Technology (95%) and social sciences (5%)
Valid From:	Aug 1, 2017	Subject group:	TE9
Version:	1	Specialised in:	G1F
Reg number:	JTH 2017/1699-313		

Intended Learning Outcomes (ILO)

On completion of the course, the student should

Knowledge and understanding

- demonstrate knowledge of standard production organization, workflow and techniques of rotoscoping, cleanup and patch compositing
- show understanding of different combinations of projections, corner pinning and warping to remove objects and reconstruct backgrounds.

Skills and abilities

- demonstrate skills in creating rotos for a variety of objects, from organic shapes with a high level of detail, to non organic shapes and complex shapes with high deformation, such as hair.
- demonstrate skills to follow an objects shape in situations where the silhouette is not clearly definable due to motion blur and / or out of focus.
- demonstrate skills in creating clean plates and patches for the cleanup process
- demonstrate the ability to remove items from a plate and reconstruct the background by using the cleanup techniques and patch compositing

Contents

The course includes advanced knowledge in rotoscoping, cleanup and patch compositing and its workflow, technology and tools.

The course contains the following elements:

- Rotoscoping of motionless objects, organic deformable objects and complex shapes (ie hair)
- Rotoscoping of items out of focus and / or with motion blur
- Advantages and disadvantages of different types of roto splines
- Structure, naming and combination of different forms of complex roto.
- Recover edge details by edge extension
- Create clean plates
- Tracking for rotoscoping
- Tracking for patch compositing

- Cleanup through 3D projections and patch compositing

Type of instruction

Lectures

Workshops

Supervision

The teaching is conducted in English.

Prerequisites

General entry requirements and completion of the course Compositing I, 9 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	9 credits	5/4/3/U

Course literature

Literature

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