

### **COURSE SYLLABUS**

# Rotoscoping and Plate Preparation, 9 credits

Rotoscoping och förarbete, 9 högskolepoäng

Course Code: TRFK17 **Education Cycle:** First-cycle level

Technology (95%) and social sciences (5%) Confirmed by: Dean Feb 1, 2017 Disciplinary

domain: Valid From: Aug 1, 2017

Subject group: TE9 Version: 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.