



COURSE SYLLABUS

3D III Technical Direction, 9 credits

3D III Technical Direction, 9 högskolepoäng

Course Code:	TSDK14	Education Cycle:	First-cycle level
Confirmed by:	Dean Feb 27, 2014	Disciplinary domain:	Technology (95%) and social sciences (5%)
Revised by:	Director of Education Jun 15, 2015	Subject group:	TE9
Valid From:	Aug 1, 2015	Specialised in:	G1F
Version:	2		
Reg number:	JTH 2014/810-122		

Intended Learning Outcomes (ILO)

On completion of the course, the student should

Knowledge and understanding

- demonstrate basic understanding of the script language python
- demonstrate general knowledge of dynamic simulations and its application
- demonstrate an understanding of all the elements in 3D in order to make changes in the production process based on problem analysis

Skills and abilities

- demonstrate the ability to create a time-saving feature alternatively new tool in the software through the use of scripting
- demonstrate skills to independently choose technology for simulation at different scenarios

Judgement and approach

- demonstrate an understanding of problem analysis to anticipate problems in single shots and consider and choose the appropriate solution

Contents

The course is a technical advancement in 3D. This technical focus includes methods, analysis, and solution-oriented tasks.

The course contains the following elements:

- Python & Maya
- Dynamics & Simulations
- Nucleus
- Problem Prediction & Analysis
- Pipeline & Workflows

Course unit 1, 0,0 credits

Type of instruction

Lectures

Workshops

Supervision

The teaching is conducted in English.

Prerequisites

General entry requirements and completion of the course Post production I, 6 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

The literature is preliminary until one month before the course starts. Compendium handed out by the teacher and digital resources.