**Title**

Bring your projects to life using Houdini II

**Cluster Title PO 07**
To be filed by focus managers

**Cluster Title PO 2012**
To be filed by focus managers

**Cluster Title PO 2014**
To be filed by focus managers

**Date of first course event / first organizational meeting with students****/ Room**

Belegung über OBS WED
30.09.2019 bis
08.10.2019 14:00

**Course Data**

<table>
<thead>
<tr>
<th>Credit points</th>
<th>5 credit points</th>
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<tbody>
<tr>
<td>Workload/semester</td>
<td>125-150 h</td>
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<tr>
<td>Presence/week on average**</td>
<td>4 SWS</td>
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<td>Group size according to cnw</td>
<td></td>
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<tr>
<td>Min. size</td>
<td>8 students</td>
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<tr>
<td>Weekday of course</td>
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**Course Portrait**

Lecturer(s) Name(s)  
Manuel Köster

Lecturer(s) email  
manuelkoestercg@gmail.com

Contact Prof. @ fbmd  
Tilmann.kohlhaase@h-da.de

Teaching Method  
lecture, lecture + seminar, seminar, project

**Content(s):**

- Design
- Informatics / Technology
- Economy / Business
- Culture

**Time frame in case of blocked event**

4.-8.1.21 -- Attention takes place during holiday break!
Course Contents
Short description:
Learning Houdini is difficult, especially if you don’t find the right tutorials for your tasks. This course will get you up to speed on the basics of Houdini. After that I will help you apply your learned skills to one of your personal/semester project tasks to further your knowledge. No matter what you want to do. Tasks could be anything from procedural modeling, hair grooming, fire FX, python tool creation, lighting/shading or magical FX... Anything, as long as the scope is within the bounds of this course.
Remote organisation:
The meetings will be held in the already existing Discord server of last year’s elective. Students will be split up into working groups starting day 2.
• Pre-course:
  ○ Watching provided/pre-selected tutorials
  ■ Getting familiar with proceduralism
  ■ Viewport navigations/UI
  ■ Couple of optional tutorials for the eager students
  ○ Short pitch of personal project to be executed during the course-days 3-5
  ■ Example projects will be provided to set the scope
  ■ Project can be some task of a semester project or a small personal project
  ■ Pitch will be analysed by the tutor pre-course so the students can prepare materials accordingly
  ■ Will be rejected with feedback if scope is too big
• Course Day 1:
• Course Day 2:
• Course Days 3-5:
○ Working on the personal project with the help of the tutor at the personal desk/at the beamer
• Post Course:
  ○ Finishing up the personal project
  ○ Getting graded by the uploaded personal project

Type of Exam
- homework
- work+presentation
- paper

Milestones if known

End of Elective
- Examination
- Examination / Presentation

Suitability
- beginner course
- intermediate course
- advanced course

Preconditions

Info about lecturer (especially if guest)
I am very passionate about VFX, its community and helping other artists to get better at their skills. That’s why I created the website shadesoforange! I also love doing research on
complex subjects and optimizing workflows.

- A-Level Degree
- Bachelor of Arts
- RISE FX • Houdini FX Intern
- Animal Logic • FX TD
- Pixomondo • FX TD
- Animal Logic • Technical Character FX Artist
- h_da - University Darmstadt • Lecturer
- Freelance FX Artist • Crytek • Technical Procedural Artist

**Other information**

* According to our examination law, the course titles have to be matched to a given catalogue with common course titles. This title will appear in the Transcript of Record and the Bachelor Certificate. Field has to be filled by Focus Managers, all clusters can be found below.

** The official presence-time is 3 SWS for the whole semester. As the elective period is condensed to 12 weeks instead of 16 weeks, the presence time for the electives is 4 SWS.

*** Courses and focal points: dm = Digital Media, oj = Online Journalismus, wj = Wissenschaftsjournalismus, blank field = please insert appropriate course. *(check as many as apply)*

**** Block 1 = 8.30 - 10.00 Uhr, Block 2 = 10.15 - 11.45 Uhr, Block 3 = 12.00 - 13.30 Uhr, Block 4 = 14.15 - 15.45 Uhr, Block 5 = 16.00 - 17.30 Uhr, Block 6 = 17.45 - 19.15 Uhr

***** In case that the course does not start in the first week 15.10.2018 there has to be a first organisational meeting to finalize the application process.

Elective Start: 21.10.19
Electives End 25.1.20