Title	Emerging Technologies for Animation and Game		
Cluster Title PO 2014 To be filed by focus managers s.u.	Technical Art for Animations and Games		
Date of first course event / first organizational meeting with students***/ Room**	20.4.23 F17/23	NN	NN
kind of room if not indicated above	**Online**	**Seminarraum**	**Labor**

Belegung über OBS
27.3.- 3.4.23 14:00

Course Data			
	credit points		5 credit points
	workload/semester		125-150 h
	presence/week on average**		4 SWS
	Group size according to cnw		
	Min. size		8 students
	20.4.23 - 6.7.		

					weekday of course	THU
	frequency of course-events	weekly	**X**	bi-weekly		blocked	
	prospective timeframe**** (Block = 90 min)	Block 1 **8:30**		Block 2 10:15		Block 3 12:00	
		Block 4 **14:15**	**X**	Block 5 16:00	X	Block 6 **17:45**	
	course language			English	X	German	
	suitable for students of course/focus			**ER**	**X**	**AG**	X
				IMD	**X**	**MP**	
				SMP		**IW (BA)**	
				OJ/WJ/OK		**KMI**	X
Content(s): (check one or more)	Design	X	Informatics / Technology	X	Economy / Business		Culture
Time frame in case of blocked event						

Course Portrait	
Lecturer(s) Name(s)	Stephan Jacob
Lecturer(s) email	Stephan.Jacob@h-da.de
Contact Prof. @ fbmd	
Teaching Method	lecture lecture + seminar seminar x project x
Course Contents	The elective is intended for everyone, but is aimed at students who want to deal with modern technologies. In this elective, students analyze current and future creative and production technologies and systems of animation and games (like AI, NFTs, AR, Digital Humans, Metaverse,…) with regard to different factors such as applicability, potential, costs/benefits, etc. in various exemplary application scenarios. They learn to examine technologies from partially different fields of application with the help of scientific methods with regard to their applicability in media production. The critical examination of technical literature and the application of the rules of good scientific work enable them to make scientifically justified statements. After a short introduction and overview of past, current and possible future

tech, students will conduct literature, media
and puplication research solo or in small teams to help them understand the technologies in question and make a
classification of future use. In the first half of the elective, they research, prepare a report or a demo and in the second
half, they give a lecture or presenting a research paper about their findings.
On successful completion, students will
develop an overview about current and emerging technologies
understand on how technologies can affect their creative work
understand on how to analyze, research and use new approaches and technologies for their production
be able to work with and utilize current digital production technologies and tools
Apply the knowledge in scientific writing and research methodology to prepare the writing of reports as well as
degree projects

Type of Exam	homework		work+presentation		paper			
Milestones if known								
			Examination					
			Examination / Presentation					
End of Elective								
Suitability	beginner course intermediate course advanced course							
Preconditions								
Info about lecturer (especially if guest)								
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 filed 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: er = Expanded Realities , 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: 11.04.23
Holy days 1.5.23, 14.5.23, 28.5.23, 8.6.23
Electives End 14.07.23 (Examinations could be scheduled after this date if necessary)

Please upload in Moodle Course!