Title	Procedural World Cons	truction		
Cluster Title PO 07				
To be filed by focus managers s.u.				
Cluster Title PO 2012				
To be filed by focus managers s.u.				
Cluster Title PO 2014				
To be filed by focus managers				
s.u.				
Date of first course	25.4.22 14:15 F17/103 e	evtl im NN	NN	
event / first	Wechsel online			
organizational				
meeting with				
students****/ Room				
kind of room if not	Hörsaal	Seminarraum	Labor	x
indicated above				~
Belegung über OBS				
5.4.22-11.4.22				

Course Data	credit points	credit points					5 credit points 125-150 h		
	workload/semester								
	presence/week	presence/week on average**						4 SWS	
	Group size acco	Group size according to cnw							
	Min. size							8 students	
	09.04 23.06.2	09.04. – 23.06.20							
		weekday of course Monday						Monday	
	frequency of co	urse-	events	weekly		bi-weekly		blocked	
	prospective timeframe****			Block 1		Block 2		Block 3	
	(Block = 90 min)			8:30		10:15		12:00	
				Block 4		Block 5		Block 6	
				14:15	^	16:00		17:45	
	course language English x					х	German		
	suitable for students of course/focus DM						AG	Х	
						IMD	Х	MP	
	SMP x					IW (BA)			
						OJ/WJ/OK		I	Х
Content(s):	Design		Informatics /		Economy /		Culture		
(check one or more)	-	х		Technology	х	Business			
Time frame in case of									
blocked event									

Course Portrait						
Lecturer(s) Name(s)	Prof. Stephan Jacob					
Lecturer(s) email	stephan.jacob@h-da.de					
Contact Prof. @ fbmd						
Teaching Method	lecture	lecture + seminar	seminar	x project		
Course Contents	A lot of games feat create mass of con assets to fill the ba waste of creative w In this elective, we generators. After a Generation (PCG), program our own I	eting Tech Artists and P uring large areas and w tent in no time. Also, fo ckground. This is often vork time for Artists. will cover how to devel short introduction to g we will learn how terrai andscape generator and ts, Trees and other veg	vorlds or have a or some animati assembly line w lop such worlds general Procedu in systems work d dungeon gene	ions, we need a lot of vork and would be a s and content iral Content k and also try to erator in Unity. We		

	what techniques, methods and applications exists. (e.g. In Houdini) We will also learn how Citys, Buildings, Textures and even NPS, Quests or Names can be completely generated. Disclaimer: Although about 50% of the course will be dry theory - we will write actual code and create stuff! Both Programmers and Artists are welcome, but a basic understanding in coding will be very useful, also PCG code and methods needs more of a mathematical understanding than gameplay code. The elective is therefore targeted towards Tech Artists and						s can II CG
	programmers. We will be using Unity and Houdini.						
Type of Exam	homework	,	work+presentation	Х	paper		
Milestones if known			•				
	Examination Examination / Presentation						
		Examir	ation / Presentatio	n			
End of Elective	• • • • •						
,	Intermediate student course						
	Some understanding of eithtech-art or programming principles, as well as proficiency with Unity game engine.						
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: 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 6.10.2014 there has to be a first organisational meeting to finalize the application process

Elective Start: 19.4.22 Holy Days: 26.5., 6.6., 16.6.2022

Please upload in Moodle Course!