

Basic level 3D learning
 postgraduate specialization programme
 Model curriculum

Szak	Évfolyam	Félév	Kredit / BA	Tagozat	Tárgykód	Tantárgy	1. ea.			2. ea.			Óra ea./félév	Óra gy/félév	Óra össz.	Kredit	F. záras	
							1. gy.	1. kr.	2. gy.	2. kr.	Óra ea./félév	Óra gy/félév						Óra össz.
3DTSLK	I.	1	K	L		The place of problem- and activity-based learning and 3D learning in teaching	10	0	4				10	0	10	4	v.	
3DTSLK	I.	1	K	L		Technical drawing, basics of editing	0	10	3				0	10	10	3	gyj	
3DTSLK	I.	1	K	L		CAD / CAM modeling basics	10	0	4				10	0	10	4	v.	
3DTSLK	I.	1	K	L		CAD/CAM modelling basics exercise	0	10	3				0	10	10	3	gyj	
3DTSLK	I.	1	K	L		3D printing basics	10	0	4				10	0	10	4	v.	
3DTSLK	I.	1	K	L		3D printing slicing	0	10	3				0	10	10	3	gyj	
3DTSLK	I.	1	K	L		3D printing education exercise 1.	0	20	5				0	20	20	5	gyj	
3DTSLK	I.	1	K	L		Operating systems and software	5	0	2				5	0	5	2	v.	
3DTSLK	I.	1	K	L		Computer and peripherals	5	0	2				5	0	5	2	v.	
3DTSLK	Total hours/Credit:						40	50	30				0	0	0	0		
3DTSLK	I.	2	K	L		Basics of the relationship between robotics and 3D printing				5	0	2	5	0	5	2	v.	
3DTSLK	I.	2	K	L		Basics of VR				5	0	2	5	0	5	2	v.	
3DTSLK	I.	2	K	L		T-Spline modelling basics				0	15	4	0	15	15	4	gyj	
3DTSLK	I.	2	K	L		Using 3D printers, troubleshooting				10	0	4	10	0	10	4	v.	
3DTSLK	I.	2	K	L		3D printing education exercise 2				0	30	6	0	30	30	6	gyj	
3DTSLK	I.	2	K	L		Modern tools and digital platforms exercise				0	15	3	0	15	15	3	gyj	
3DTSLK	I.	2	K	L		Trial teaching				10	0	4	10	0	10	4	v.	
3DTSLK	I.	2	K	L		Thesis				0	0	5	0	0	0	5	sz	
3DTSLK	I.	2	K	L		Final exam				0	0	0	0	0	0	0	0	zv
Total hours / Credit:							40	50	30	30	60	30	70	110	180	60		