Course Syllabus

Code - Course Title	**HYK226 - Digital Sculpture II**
Course Type	IV. SEMESTER
Laboratory + Practice	2+1
ECTS	**3.0**
Language of Instruction	Türkçe
Course Type	Area Elective Courses
Course Instructor(s)	DOÇENT SONER ÖZDEMİR

Mode of Delivery	The mode of delivery of this course is Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	XXX Digital Sculpture I is recommended to take this course.
Recommended Resources	DIGITAL SCULPTING MADE EASY: An Essential hands-on 3D Digital Sculpting Guide Book for Absolute Beginners, Morgan Jakob
Work Placement	N/A

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Overview of modeling programs. Discussion on sense of modeling. Introduction to virtual geometry and perspective.	
Week - 2		General knowledge about 3D modelling program Blender.	
Week - 3		Presentation interfaces and shortcuts of the programmes.	
Week - 4		3D printer types and working principles	
Week - 5		Stages of preparing the digital model for printing.	
Week - 6		Slicing programs for FDM type printers.	
Week - 7		Slicing programs for FDM type printers.	
Week - 8		Printing the model with an FDM printer and post processing.	
Week - 9		Slicing programs for SLA type printers and preparation of models.	
Week - 10		Slicing programs for SLA type printers and preparation of models.	
Week - 11		Printing the model with an SLA printer and post processing.	
Week - 12		Hollowing out operations for the empty model.	
Week - 13		splitting model operations for large prints.	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		evaluations of prints.	

Learning Outcomes

#	Learning Outcome
1	Knows the necessary steps to print the model created on the computer.
2	Will be able to prepare the Digital Sculpture design as a printable 'mesh' file.

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.