Course Syllabus

Code - Course Title	**HYK328 - Digital Sculpture IV**
Course Type	VI. SEMESTER
Laboratory + Practice	2+1
ECTS	**3.0**
Language of Instruction	Türkçe
Course Type	Area Elective Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ OZAN UYGAN

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	There is no recommended optional programme component for this course.
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Overview of 3D printing methods, machines and consumables used	
Week - 2		Polygon modeling, modeling applications, taking into account three-dimensional printing	
Week - 3		Polygon modeling, modeling applications, taking into account three-dimensional printing	
Week - 4		Polygon modeling, modeling applications, taking into account three-dimensional printing	
Week - 5		Making the modeled objects suitable for printing	
Week - 6		Making the modeled objects suitable for printing	
Week - 7		Generating the GCODE for the printer using the Slicer software of the extracted STL files	
Week - 8		3D printing applications	
Week - 9		3D printing applications	
Week - 10		Examining the causes of misprints	
Week - 11		Cleaning, leveling, painting of prints for display	
Week - 12		Cleaning, leveling, painting of prints for display	
Week - 13		Other applications for the use of 3D printing in sculpture: Mold making	
Week - 14		Other applications for the use of 3D printing in sculpture: Printing molds	

Learning Outcomes

#	Learning Outcome
1	Establishing the Sculptural Form and Volume Relationship Between Digital and Physical Environments
2	Composition and Atmosphere Creation in Digital Sculpture
3	Applying Digital Lighting and Rendering Techniques that Emphasize Volume and Mass

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.