Course Syllabus

Code - Course Title	**DOT202 - 3D Modeling II**
Course Type	IV. SEMESTER
Laboratory + Practice	3+2
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ EMİN BAKAN

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.
Recommended Resources	Homo Ludens, The Art of Game Design, Fundamentals of Game Design, Game Mechanics: Advanced Game Design
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Advanced modeling concepts	
Week - 2		Hard-surface and organic modeling comparison	
Week - 3		Collecting and analyzing references for modeling	
Week - 4		Subdivision modeling and detail processing	
Week - 5		Character modeling applications	
Week - 6		Surface topology and polygon flow	
Week - 7		Environment modeling applications	
Week - 8		High-detail model creation (ZBrush)	
Week - 9		Retopology techniques	
Week - 10		UV editing and preparation processes	
Week - 11		Texture and material preparation	
Week - 12		Optimization and detection of modeling errors	
Week - 13		Modeling portfolio development	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Project presentations and evaluation	

Learning Outcomes

#	Learning Outcome
1	Identify and apply advanced 3D modeling techniques
2	Manage topology, detailing, and retopology processes in character and environment modeling
3	Use high-detail modeling tools effectively
4	Optimize modeling projects in accordance with industry standards
5	Produce original and functional 3D models for portfolio development

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.