Course Syllabus

Code - Course Title	**OGP205 - 3D Game Development Studio**
Course Type	III. SEMESTER
Laboratory + Practice	2+4
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	ONUR UYANIK

Mode of Delivery	Face to Face
Prerequisites	There are no prerequisites.
Courses Recomended	It is not available.
Recommended Resources	It will be announced later.
Work Placement	It is not available.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		3D Modeling and Animation	
Week - 2		Game World and Environment Design	
Week - 3		Character Design and Rigging	
Week - 4		3D Graphic Design	
Week - 5		Lighting	
Week - 6		Game Physics and Balancing	
Week - 7		3D Game Design Project Development	
Week - 8		Application Project: Game Story and Character Design	
Week - 9		Application Project: Development of Game Physics	
Week - 10		Application Project: Graphic Design and Animation Processes	
Week - 11		Application Project: Sound Design and Music Selection	
Week - 12		Application Project: Game Progression and Balancing	
Week - 13		Application Project: Game Prototype and Initial Testing	
Week - 14		Application Project: User Experience and Improvements, Project Presentation, and Evaluation	

Learning Outcomes

#	Learning Outcome
1	Uses 3D modeling tools and creates 3D models.
2	Learns 3D modeling techniques and polygonal modeling principles.
3	Possesses 3D animation techniques and the ability to create character animations.
4	Acquire the ability to create 3D game worlds and environments.
5	Applies 3D graphic design and lighting principles.
6	Understands and applies 3D game physics and balancing principles.
7	Creates and tests 3D game prototypes.

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.