Course Syllabus

Code - Course Title	**DOT308 - Environment and Level Design**
Course Type	VI. SEMESTER
Laboratory + Practice	2+2
ECTS	**4.0**
Language of Instruction	Türkçe
Course Type	Required Courses

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.n
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		Introduction to environment and level design	
Week - 2		Shaping the game world according to narrative structure	
Week - 3		Interactive areas and guidance in level design	
Week - 4		Fundamentals of 3D environment modeling	
Week - 5		Approaches to modeling natural and artificial spaces	
Week - 6		Creating atmosphere through color and lighting	
Week - 7		Level planning and balancing strategies	
Week - 8		Environment placement practices in the game engine	
Week - 9		Interactive objects and player behaviors	
Week - 10		Navigation systems and pathfinding	
Week - 11		Performance optimization and testing processes	
Week - 12		Thematic consistency and narrative alignment	
Week - 13		Project work: level design implementation	
Week - 14		Project presentation and evaluation	

Learning Outcomes

#	Learning Outcome
1	Analyze and create the visual and functional structure of game environments
2	Create game worlds using level design principles
3	Apply environmental storytelling techniques to the game atmosphere
4	Implement and test level placement within game engines
5	Develop performance-focused content using optimization techniques

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.