Course Syllabus

Code - Course Title	**DOT108 - Introduction to Programming**
Course Type	II. SEMESTER
Laboratory + Practice	2+2
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ FATİH ÖZER

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		Basic programming concepts	
Week - 2		Programming languages and platforms	
Week - 3		Introduction to programming	
Week - 4		Constants, variables, and operators	
Week - 5		Control structures	
Week - 6		Control structures	
Week - 7		Loops	
Week - 8		Loops	
Week - 9		Arrays	
Week - 10		Pointers	
Week - 11		File operations	
Week - 12		Classes and objects	
Week - 13		Classes and objects	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Project work	

Learning Outcomes

#	Learning Outcome
1	Explain basic concepts in text-based programming
2	Use control structures in programming
3	Use loops in programming
4	Use functions in programming
5	Use arrays, pointers, and strings in programming
6	Use classes and objects in programming
7	Develop programs that perform file operations

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.