Course Syllabus

Code - Course Title	**OGP103 - Programming I**
Course Type	I. SEMESTER
Laboratory + Practice	3+2
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	ÖĞR. GÖR. DR. HANDE TİRYAKİ

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		Introduction and Fundamentals of Programming	
Week - 2		Introduction to the programming language, installation, and basic usage	
Week - 3		Variables and Data Types	
Week - 4		Basic data types and type conversions: int, float, str, bool	
Week - 5		Control Structures and Conditional Statements	
Week - 6		Comparison operators and Logical operators	
Week - 7		Loops and List Operations	
Week - 8		Midterm Exam	
Week - 9		Creating lists and using loops with lists	
Week - 10		Functions and Modular Programming	
Week - 11		Parameters, return values, modular programming principles	
Week - 12		File Operations, reading and writing files	
Week - 13		Advanced Programming topics and library usage, Error Detection and Project Development	
Week - 14		Project presentations and evaluations	

Learning Outcomes

#	Learning Outcome
1	Understands basic programming concepts.
2	Possesses basic programming skills.
3	Can think algorithmically.
4	Can develop and present projects.

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.