Course Syllabus

Code - Course Title	**AYG101 - Programming I**
Course Type	I. SEMESTER
Laboratory + Practice	3+2
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	OSMAN NURİ ATAK

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		Fundamentals of Programming	
Week - 2		Problem Solving and Algorithms	
Week - 3		Flow Charts	
Week - 4		Introduction to Computer Programming	
Week - 5		Data Types and Variables	
Week - 6		Operators	
Week - 7		Decision Control Structures	
Week - 8		Midterm Exam	
Week - 9		Cycle Control Structures	
Week - 10		Functions	
Week - 11		Functions	
Week - 12		Indicators	
Week - 13		Arrays	
Week - 14		Multidimensional Arrays, Files, Structures	

Learning Outcomes

#	Learning Outcome
1	Students learn the basic concepts of algorithm design in order to solve technical problems.
2	Students learn the fundamental concepts of a modern programming language.
3	Students develop programs using the fundamental principles of problem-solving programming.
4	Students write, compile, and test programs using a programming language IDE tool.

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.