Course Syllabus

Code - Course Title	**AYG102 - Programming II**
Course Type	II. 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		Introduction to Object-Oriented Programming	
Week - 2		Basic Language Concepts (statements, data types, variables, control structures, arrays)	
Week - 3		Divide and Solve Method	
Week - 4		Modular Software Development (methods and classes)	
Week - 5		Class Variables and Local Variables	
Week - 6		Form Elements	
Week - 7		Event-Driven Programming	
Week - 8		Midterm Exam	
Week - 9		Dynamic Arrays	
Week - 10		Input-Output Terms	
Week - 11		Character Information Processing	
Week - 12		Associated Lists	
Week - 13		Files	
Week - 14		Effective Algorithm Development	

Learning Outcomes

#	Learning Outcome
1	Students can solve technical problems using programming.
2	Students can analyze and interpret data, and conduct tests and experiments.
3	Students can design a part or process to meet the requirements of a system.

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.