Course Syllabus

Code - Course Title	**BTÖ232 - Advanced Programming**
Course Type	IV. SEMESTER
Laboratory + Practice	2+2
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses

Mode of Delivery	Delivery of this course is face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	Basic Programming
Work Placement	Not applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Java practices: introduction	
Week - 2		Arithmetic, Logical and relational operators	
Week - 3		Java classes and objects	
Week - 4		Control statements; methods	
Week - 5		Arrays-1	
Week - 6		Arrays-2	
Week - 7		Classes and objects	
Week - 8		İnheritance	
Week - 9		Polymorphism	
Week - 10		GUI components	
Week - 11		Graphics and Java 2D	
Week - 12		Management of errors and dysfunctions	
Week - 13		Developing java-based interactive applications	
Week - 14		Implement Java-based interactive application	

Learning Outcomes

#	Learning Outcome
1	Explains the rules of programming in visual environment.
2	Explain software design and application.
3	Explain the general structure of the software.
4	Develops effective and original visual teaching software.

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.