Course Syllabus

Code - Course Title	**BTÖ231 - Basic Programming**
Course Type	III. SEMESTER
Laboratory + Practice	2+2
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. YUSUF LEVENT ŞAHİN

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	BTÖ212 Programmming Languages IIBTÖ313 Internet Based Programming
Recommended Resources	N/A
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Programming and basic concepts	
Week - 2		Introduction to C	
Week - 3		Variables, Constants and Operators	
Week - 4		Control Structures	
Week - 5		Loops	
Week - 6		Loops	
Week - 7		Functions and Structural Programming	
Week - 8		Arrays	
Week - 9		Pointers	
Week - 10		Strings	
Week - 11		Structures	
Week - 12		Structures	
Week - 13		File Operations	
Week - 14		File Operations	

Learning Outcomes

#	Learning Outcome
1	Explain the necessary concepts to deal with text based programming.
2	Use control structures and loops in programming.
3	Use library functions and write new functions.
4	Use arrays in programming
5	Use pointers.
6	Use strings in programming
7	Write programs by constituting structures.
8	Write programs including 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.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	40
Final Exam	1	60
	Sum (%)	**100**