Course Syllabus

Code - Course Title	**BTÖ239 - Information Systems Hardware**
Course Type	III. SEMESTER
Laboratory + Practice	2+0
ECTS	**4.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	ÖĞR. GÖR. ABDULLAH ÇEVİK

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.
Work Placement	none

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Equipment used in the IT industry.	
Week - 2		Computer logic and architecture	
Week - 3		personal computer components (motherboard, cpu, Chipsets, memory and memory types (rom, ram technologies and cache memory); input / output (I / O) units	
Week - 4		Slots (ISA, AGP, POI and types);	
Week - 5		Adapters	
Week - 6		Storage units	
Week - 7		Data transport technologies	
Week - 8		Cloud computing; computer case collection strategies;	
Week - 9		Smart boards; projection devices; smart devices (tv, phone, etc.);	
Week - 10		Wireless networking equipment; use and maintenance of information equipment;	
Week - 11		Using a combination of different information technologies; printers and scanners	
Week - 12		Wearable technologies; human computer interaction devices	
Week - 13		Hardware security; solutions to hardware problems;	
Week - 14		Hardware analysis	

Learning Outcomes

#	Learning Outcome
1	Explain fundamental components of hardware.
2	Add and install components to hardware.
3	Find the source of hardware problems.
4	Will be able to eliminate the faults of computer hardware.

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**