Course Syllabus

Code - Course Title	**YBS204 - Computer Hardware and System Software**
Course Type	IV. SEMESTER
Laboratory + Practice	3+0
ECTS	**4.0**
Language of Instruction	İngilizce
Course Type	Required Courses
Course Instructor(s)	

Mode of Delivery	Face to face
Prerequisites	There are no prerequisites or co-requisites for this course
Courses Recomended	Sources in the literature related to course content
Recommended Resources	Sources in the literature that will contribute to the course
Work Placement	No

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to computer technology	
Week - 2		Processing of data in machine language	
Week - 3		Number systems and data types	
Week - 4		Integers and decimals in machine language	
Week - 5		Computer architecture	
Week - 6		Processors	
Week - 7		Midterm exam	
Week - 8		Processors and memory management (RAM)	
Week - 9		Input / output equipment	
Week - 10		External hardware	
Week - 11		Modern computer networks	
Week - 12		Computer network protocols and layers	
Week - 13		Operating system architecture	
Week - 14		Final exam	

Learning Outcomes

#	Learning Outcome
1	Performs data processing in machine language
2	Knows how to configure computer architecture
3	Knows modern computer networks
4	Knows operating system architecture

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.