Course Syllabus

Code - Course Title	**VBA205 - Information Technologies**
Course Type	III. SEMESTER
Laboratory + Practice	2+0
ECTS	**5.0**
Language of Instruction	İngilizce
Course Type	Required Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ ÖNDER DORAK

Mode of Delivery	Face to face

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		IT Infrastructure: Hardware components	
Week - 2		Software architectures	
Week - 3		Enterprise network topologies	
Week - 4		Introduction to cloud computing concepts	
Week - 5		Operating Systems: Process scheduling	
Week - 6		Memory allocation and File system hierarchies	
Week - 7		Virtual machines	
Week - 8		Web technologies and protocols: HTTP/HTTPS requests	
Week - 9		HTML/CSS fundamentals	
Week - 10		Web server configurations	
Week - 11		Client-server models	
Week - 12		System Security and Administration: Cybersecurity principles	
Week - 13		User authentication protocols	
Week - 14		Backup strategies and system performance monitoring	

Learning Outcomes

#	Learning Outcome
1	Map enterprise network topologies and cloud concepts
2	Explain core operating system memory allocations

Learning Outcomes

#	Learning Outcome
3	Configure basic client-server web technologies
4	Implement fundamental cybersecurity and backup strategies

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.