Course Syllabus

Code - Course Title	**YBS302U - Network Management and Information Security**
Course Type	II. SEMESTER
Laboratory + Practice	0+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. SİNAN AYDIN

Mode of Delivery	Distance Education
Prerequisites	There is no prerequisite or co-requisite for this course.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Overview of Computer Networks	
Week - 2		Overview of Computer Networks	
Week - 3		Network Management and SNMP	
Week - 4		Network Management and SNMP	
Week - 5		Symmetric Encryption and Message Privacy	
Week - 6		Symmetric Encryption and Message Privacy	
Week - 7		Public Key Encryption and Message Verification	
Week - 8		Public Key Encryption and Message Verification	
Week - 9		Key Distribution and User Authentication	
Week - 10		Key Distribution and User Authentication	
Week - 11		Transport Layer and Wireless Network Security	
Week - 12		Transport Layer and Wireless Network Security	
Week - 13		E-mail Security	
Week - 14		E-mail Security	

Learning Outcomes

#	Learning Outcome
1	Describe computer network and network management concepts.

Learning Outcomes

#	Learning Outcome
2	Define message encryption, message privacy, and message authentication concepts.
3	Describe key distribution and user authentication concepts.
4	Define security components in computer networks.

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	30
Final Exam	1	70
	Sum (%)	**100**