Course Syllabus

Code - Course Title	**YBS403 - IT Systems Risk Management**
Course Type	VII. SEMESTER
Laboratory + Practice	3+0
ECTS	**5.0**
Language of Instruction	İngilizce
Course Type	Required Courses

Mode of Delivery	Face to face
Recommended Resources	Information Security: Principles and Practices (Mark Stamp)

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Foundations of Information Security	
Week - 2		Threats, Vulnerabilities, and Attacks	
Week - 3		Cryptography Basics	
Week - 4		Security Policies, Standards & Procedures	
Week - 5		Risk Management Fundamentals and Risk Analysis Methods	
Week - 6		Risk Mitigation and Controls	
Week - 7		Mid-term exam	
Week - 8		Security Architecture and Design	
Week - 9		Incident Response and Recovery	
Week - 10		Legal, Ethical and Compliance Issues	
Week - 11		Business Continuity and Disaster Recovery	
Week - 12		Cloud and IoT Risk	
Week - 13		Course Overview	
Week - 14		Final exam	

Learning Outcomes

#	Learning Outcome
1	Identify assets, threats, and vulnerabilities in IT systems.
2	Perform qualitative and quantitative risk assessments

Learning Outcomes

#	Learning Outcome
3	Design and implement proper security controls
4	Develop incident-response and business-continuity plans
5	Explain legal and ethical considerations in IT risk management.

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.