Course Syllabus

Code - Course Title	**YBS305 - Systems Analysis and Design**
Course Type	V. SEMESTER
Laboratory + Practice	3+0
ECTS	**5.0**
Language of Instruction	İngilizce
Course Type	Required Courses

Mode of Delivery	Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There are no lessons related with this lesson.
Work Placement	There is no internship or practice for this course.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to System Analysis and Design	
Week - 2		Development of Information Systems	
Week - 3		Project Management	
Week - 4		Identifying System Requirements	
Week - 5		Testing and Evaluation	
Week - 6		Testing and Evaluation	
Week - 7		Midterm Exam	
Week - 8		Use Case and Data Modeling	
Week - 9		Process Modeling and Analysis	
Week - 10		Object Oriented Analysis and Modeling using UML	
Week - 11		System Design	
Week - 12		Testing and Evaluation	
Week - 13		Testing and Evaluation	
Week - 14		Final Exam	

Learning Outcomes

#	Learning Outcome
1	Defines System and Information System
2	Explains System Requirements and Project Management
3	Explains the Necessity of Use Cases in System Development Life Cycle
4	Defines Process Modeling Concept
5	Makes Object Oriented Analysis and Modeling using UML
6	Explain System Design Approaches

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.