Course Syllabus

Code - Course Title	**SAY501 - Information Systems**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. SİNAN AYDIN

Mode of Delivery	The mode of delivery of this course is Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There is no recommended optional programme component for this course.
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		General concepts about information systems.	
Week - 2		General information about hardware.	
Week - 3		Classification of information system.	
Week - 4		Developing phases of information systems.	
Week - 5		Introduction to databases (DB) and DP concepts.	
Week - 6		Introduction to DB design.	
Week - 7		DB Management Systems (DBMS) and DBMS softwares.	
Week - 8		Designing and implementing relational databases using RDBMS.	
Week - 9		Introduction to MS Access and examples.	
Week - 10		SQL language and sample applications.	
Week - 11		Developing sample applications using SQL with SQLite3 DBMS.	
Week - 12		SQL queries and query optimization	
Week - 13		Special topics in DB design.	
Week - 14		Student projects.	

Learning Outcomes

#	Learning Outcome
1	explain the information systems infrastructure.
2	describe the characteristics of information systems.
3	design the database.

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	40
Final Exam	1	60
	Sum (%)	**100**