Course Syllabus

Code - Course Title	**BİL529 - Database Systems**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. SİNAN AYDIN

Mode of Delivery	Distance Educaton
Prerequisites	There is no prerequisite or co-requisite.
Recommended Resources	Elmasri, R., & Navathe, S. B. (2015). Fundamentals of database systems. Pearson.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Fundamentals of Database Systems	
Week - 2		Database Design	
Week - 3		Relational Database Model	
Week - 4		Data Definition	
Week - 5		Data Query Commands	
Week - 6		Nested Query	
Week - 7		Data Processing Commands	
Week - 8		Transaction SQL Programming	
Week - 9		Stored Procedure	
Week - 10		Functions	
Week - 11		Constraints	
Week - 12		Triggers	
Week - 13		Transaction Management and Concurrency Control	
Week - 14		Distributed Database Systems	

Learning Outcomes

#	Learning Outcome
1	Define Database Management Systems
2	Defining the Relational Database Model
3	Use Structured Query Language (SQL)
4	Program database systems
5	Describe Advanced Database Functions

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.