Course Syllabus

Code - Course Title	**BTÖ335 - Database Management Systems**
Course Type	V. SEMESTER
Laboratory + Practice	2+2
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. MEHMET FIRAT

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	BTÖ212 Programmming Languages IIBTÖ313 Internet Based Programming
Recommended Resources	N/A
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction	
Week - 2		Designing a database	
Week - 3		Designing a database	
Week - 4		Designing a database	
Week - 5		Applying a database	
Week - 6		Applying a database	
Week - 7		Applying a database	
Week - 8		Query with SQL	
Week - 9		Query with SQL	
Week - 10		Query with SQL	
Week - 11		Database optimization	
Week - 12		Database security	
Week - 13		Database use with software development tools	
Week - 14		Review and evaluation	

Learning Outcomes

#	Learning Outcome
1	Explain basic database concepts.
2	Design a relational database.
3	Will be able to query the database with SQL.
4	Will be able to use database with software development tools.

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**