DATABASE MANAGEMENT SYSTEMS

1	Course Title:	DATABASE MANAGEMENT SYSTEMS
2	Course Code:	YBS5118
3	Type of Course:	Optional
4	Level of Course:	Second Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Doç. Dr. MELİH ENGİN
15	Course Lecturers:	Doç.Dr. Melih ENGİN
16	Contact information of the Course Coordinator:	Doç.Dr. Melih ENGİN melihengin@uludag.edu.tr Uludağ Üniversitesi İnegöl İşletme Fakültesi İnegöl Yerleşkesi Cerrah Yolu 16400 İnegöl /BURSA TÜRKİYE 0224 294 26 95
17	Website:	
18	Objective of the Course:	Database and database management systems, SQL Server 2008, data types, queries with SQL language.
19	Contribution of the Course to Professional Development:	To ensure a solid understanding of relational database management systems. Students will be able to perform analysis, design and implementation processes while developing a relational database management system.
20	Learning Outcomes:	

		1	Recognizes Database management systems
		2	To query databases with SQL
		3	Example You can use the Database Management System
		4	Modeling with the database entity-relationship diagrams
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21	Course Content:

Course Content:

Week	Theoretical	Practice
1	Introduction to Database Management Systems	
2	Entity-relationship model	
3	T-SQL	

4	T-SQL	
5	T-SQL	
6	Database Management System	
7	Database Management System	
8	Database Management System	
9	Database Management System	
10	Relational Data Model	
11	Web database application development	
12	Web database application development	
13	Web database application development	
14	Web database application development	
22	Textbooks, References and/or Other Materials:	
23	Assesment	

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00

Activites	Number	Duration (hour)	Total Work Load (hour)
Contribution of Final Exam to Success Grade	60 / 14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	4.00	56.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	3.00	3.00
Others	0	0.00	0.00
Final Exams	1	3.00	3.00
Total Work Load			90.00
Total work load/ 30 hr			3.00
ECTS Credit of the Course			3.00

Measurement and Evaluation Techniques Used in the Measurement and evaluation are performed according to Undergraduate Education...

24	ECTS / WORK LOAD TABLE

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS

	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	0	0	2	2	0	1	1	0	0	0	0	0	0	0	0	0
ÖK2	0	0	3	1	0	1	1	0	0	0	0	0	0	0	0	0
ÖK3	0	0	5	5	0	5	1	0	0	0	0	0	0	0	0	0
ÖK4	0	0	5	5	0	5	0	0	0	0	0	0	0	0	0	0

LO: Learning Objectives   PQ: Program Qualifications

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High