AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Database Management Systems							
Course Code		BPR188		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Ability to design, create, query and form databases.							
Course Content		To design database, forms and queries in database management system.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading	
1	Database Management Systems II Turgut Özseven Murathan Yayın

Week	Weekly Detailed Course Contents	
1	Theoretical	Database Needs Analysis
2	Theoretical	Normalization
3	Theoretical	Normalization
4	Theoretical	Setting Up Database Tools
5	Theoretical	Creating Tables and Specifying Properties
6	Theoretical	Creating Query and Using Types
7	Theoretical	Creating Query and Using Types
8	Theoretical	Creating Query and Using Types
9	Intermediate Exam	Midterm exam
10	Theoretical	Preparing a Query with Related Tables
11	Theoretical	Preparing a Query with Related Tables
12	Theoretical	Preparing a Query with Related Tables
13	Theoretical	Using DML Queries
14	Theoretical	Create a form
15	Theoretical	Create a form
16	Final Exam	Final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	1	0	5	5
Term Project	1	0	5	5
Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
			Total Workload (Hours)	50
			[Total Workload (Hours) / 25*] = **ECTS**	2

**25 hour workload is accepted as 1 ECTS*

Learning Outcomes	
1	Understanding database design
2	Understanding how to create a database

3	Understanding how to query the database
4	Comprehending form creation
5	To be able to design and implement databases in accordance with rules and standards under realistic constraints and conditions.
6	To be able to use SQL applications to create database applications and use database applications according to the needs of engineering problems.

Programme Outcomes *(Construction Technology)*	
1	Being able to have professional knowledge and skills as a result of being supported by the application on vocational qualifications gained in secondary education
2	To choose and use building materials
3	Building installations can be done
4	Applying concrete technology
5	Construction of roads
6	To be able to make professional computer applications
7	Technical drawings
8	Making professional drawing
9	Bidding and contracting
10	To be able to organize the site
11	Control and documentation of manufacturing
12	Can make application of building repair and strengthening works
13	To be able to determine soil types and make soil tests
14	Can control water supply and transmission activities
15	Making waste treatment facilities for polluting resources
16	Projecting of construction elements
17	Being able to make a professional project
18	Make land measurements
19	To be able to make professional practices

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1
P1	3
P7	3
P8	3
P19	3