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	60

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 (Midterm exam)
9	Theoretical	Preparing a Query with Related Tables
10	Theoretical	Preparing a Query with Related Tables
11	Theoretical	Preparing a Query with Related Tables
12	Theoretical	Using DML Queries
13	Theoretical	Create a form
14	Theoretical	Create a form

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 *(Business Administration Management)*

1	To be able to use the theoretical knowledge in business management in working life
2	Having the ability to use the management functions of the business and following new management techniques
3	To be able to fulfill the legal responsibilities of the operator, to have the knowledge and equipment to follow and implement the relevant legislation
4	To be able to use the information and communication technologies at the level required by the field, to adapt the new technologies to the operating systems by following the technological changes
5	To identify, analyze and bring solutions to problems encountered in professional practice
6	Managing business financing; bringing a solution to the financial problems by making the financial analysis of the business
7	Gaining the ability to manage the business by ensuring that the human resources operate and develop efficiently in line with business objectives
8	To be able to comprehend the basic functions of production and marketing as a whole and to be able to apply new production and marketing techniques
9	To be able to perform cost calculations in enterprises, to hold accounting records, to prepare financial statements and to be able to interpret
10	Having professional ethical values ??sought in the qualified personnel required by the market, and able to use Turkish language effectively in written and oral communication; To be able to have professional foreign language knowledge that can make international correspondences related to the field
11	Having analytical analysis, interpretation, evaluation and solution skills of field related information
12	To be able to follow and apply current and economic developments in national and international framework related to his / her profession

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

	L1
P4	1