



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Visual Programming - II							
Course Code		BPR205		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	6	Workload	150 ( <i>Hours</i> )	Theory	3	Practice	1	Laboratory	0
Objectives of the Course		The aim of this course is to improve students' visual programming and database applications and to gain competencies related to preparing application distribution packages.							
Course Content		Connecting to databases, listing data, processing, accessing desired records / records. Making simple queries, getting graphics, reporting. To prepare the help files, to prepare the database installation kit and to prepare the program installation kit.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Project Based Study, Individual Study, Problem Solving					
Name of Lecturer(s)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

### Recommended or Required Reading

1	Arikan, Ş. 2006; Visual C Programlama Dili, Seçkin Yayınevi, Ankara
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Week	Weekly Detailed Course Contents	
1	Theoretical	Connect to local database and list data
2	Theoretical	Processing data in the local database
3	Theoretical	To reach the desired records / records in the local database
4	Theoretical	Connecting to a remote database and listing the data
5	Theoretical	Handling data in a remote database
6	Theoretical	Make simple inquiries
7	Theoretical	Making simple inquiries Making statistical inquiries
8	Theoretical	Making statistical queries Obtaining graphs from the database
9	Intermediate Exam	midterm
10	Theoretical	Obtaining graphs from the database To make reports from the database
11	Theoretical	To make the report from the database
12	Theoretical	Creating and adding components
13	Theoretical	Prepare help files
14	Theoretical	Preparing a database installation set
15	Theoretical	Prepare a program set-up
16	Final Exam	Final Examination

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Lecture - Practice	14	0	1	14
Laboratory	8	0	4	32
Reading	10	0	5	50
Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
Total Workload (Hours)				150
[Total Workload (Hours) / 25*] = ECTS				6

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

1	Working with local database
2	Working with remote database
3	Making advanced applications
4	Preparation package
5	Interpret visual media programming commands and rules
6	Visual software design plans
7	Applies the database of visual software.

**Programme Outcomes (Computer Programming)**

1	Having knowledge and skills in web project preparation and publishing
2	Having the knowledge and skills necessary for proper use management of database applications
3	Having knowledge and skills for software development, testing and installation
4	Be able to use the hardware necessary for computer programming and solve the basic problems they have with hardware
5	To be able to use information and communication technologies at the level required by computer programming
6	To be able to produce solutions to problems encountered in the field
7	Having the competencies to make job planning in the profession
8	Communicating with colleagues and clients based on knowledge and skills
9	Be able to take responsibility as an individual or as a team member and to fulfill the responsibility
10	To be able to express written and oral expressions related to the study topic
11	Be able to adapt the winning information to new situations

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

	L1	L2	L3	L4	L5	L6	L7
P1	1	5	3	1	4	3	3
P2	5	5	3	1	4	3	3
P3	5	5	4	5	4	3	3
P4	1	1	1	1	4	4	3
P5	2	2	2	2	5	4	2
P6	1	1	2	2	5	3	2
P7	1	1	1	1	5	3	2
P8	1	1	1	1	4	3	3
P9	1	1	1	1	4	3	3
P10	1	1	1	1	2	3	3
P11	1	1	1	1	2	3	3

