



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Object Oriented Programming II							
Course Code		BPR252		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	100 ( <i>Hours</i> )	Theory	3	Practice	1	Laboratory	0
Objectives of the Course		With this course, the student; It is aimed to gain competencies in program writing by using an object-based language.							
Course Content		Making Settings by Installing Software for Object-Oriented Programming. Preparing Console Applications with Basic Phrases of Programming Language. Decision Control Statements, Loop Control Statements. Control Objects and Arrays. Object Usage and Operators. Standard Functions, User Defined Functions. Component Library. Data Structures. Operating System Objects. Menu Design and Forms. Database Transactions. Interactive Data Objects.							
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	Object Oriented Programming for Beginners in C # Abacus Publishing Fahrettin Erdiç 2015
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Week	Weekly Detailed Course Contents	
1	Theoretical	Examining the programming environment
2	Theoretical	Making Settings by Installing Software for Object-Oriented Programming
3	Theoretical	Preparing Console Applications with Basic Phrases of Programming Language
4	Theoretical	Preparing Operating System Based Applications with Basic Phrases of Programming Language
5	Theoretical	Decision Control Statements, Loop Control Statements
6	Theoretical	Control Objects and Arrays
7	Theoretical	Control Objects and Arrays
8	Theoretical	Object Usage and Operators
9	Intermediate Exam	Midterm exam
10	Theoretical	Object Usage and Operators
11	Theoretical	Standart functions
12	Theoretical	User Defined Functions
13	Theoretical	Component Library Data Structures
14	Theoretical	Operating System Objects Menu Design and Forms
15	Theoretical	Database Operations Interactive Data Objects
16	Final Exam	Final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Lecture - Practice	14	0	1	14
Assignment	2	0	5	10
Project	2	0	5	10
Laboratory	2	0	6	12
Midterm Examination	1	5	1	6



Final Examination	1	5	1	6
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Programlama için gerekli yazılımın gerekli yapma
2	İşletim sistemi tabanlı temel uygulama geliştirme
3	Advanced operating system based application development
4	Implementing object-oriented programming paradigms
5	Designing database related applications
6	Database linked application development

### 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
P1	2	2	1	1	1
P2	2	2	1	1	1
P3	2	2	1	1	1
P4	2	2	1	1	1
P5	2	2	2	1	1
P6	2	1	2	1	2
P7	2	1	2	2	2
P8	2	1	2	2	2
P9	2	2	1	2	2
P10	2	2	1	2	1
P11	2	2	1	2	1

