



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Object Oriented Programming - I							
Course Code		BPR255		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	6	Workload	150 (<i>Hours</i>)	Theory	3	Practice	1	Laboratory	0
Objectives of the Course		With this course students; be able to program using an object-based language.							
Course Content		Establishment of Essential Software for Programming, Application of a Basic Console and Operating System. Constant, Variable, Object Usage and Usage of Operators. Decision Control Statements, Loop Control Statements. User Defined Functions, Ready Functions, File Operations. Class, Area and Method Usage. Local and Global References. Series, Multidimensional Series. Standard, Advanced Components. Database Connectivity, Database Queries.							
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	Ders kitabı, yardımcı kitap, ders notları ve diğer kaynaklar.
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Week	Weekly Detailed Course Contents	
1	Theoretical	Establishing Essential Software for Programming, Implementing a Basic Console and Operating System
2	Theoretical	Constant, Variable and Object Usage, Usage of Operators
3	Theoretical	Decision Control Statements, Loop Control Statements
4	Theoretical	User Defined Functions, Ready Functions, File Operations
5	Theoretical	Class, Area and Method Usage
6	Theoretical	Class, Area and Method Usage
7	Theoretical	Local and Global References
8	Theoretical	Series, Multidimensional Series
9	Intermediate Exam	Midterm
10	Theoretical	Standard Components
11	Theoretical	Advanced Components
12	Theoretical	Advanced Components
13	Theoretical	Database Connectivity, Database Queries
14	Theoretical	Database Connectivity, Database Queries
15	Theoretical	Database Connectivity, Database Queries
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	1	0	32	32
Reading	5	0	10	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	Making software installations for programming
2	Preparing an application with basic commands of programming language
3	Preparing application by using function in programming language
4	Preparing an application with advanced expressions of programming language
5	Working with components
6	Performing database operations will earn proficiency

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
P1	4	4	4	3	4	4
P2	4	4	4	3	4	3
P3	3	3	3	4	2	2
P4	3	3	3	4	2	2
P5	3	2	3	4	3	2
P6	2	2	2	5	3	3
P7	2	2	2	5	2	3
P8	3	2	2	4	2	3
P9	3	2	3	4	3	2
P10	3	3	3	3	3	2
P11	3	3	3	3	2	2

