AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Server Architectures								
Course Code	BPR150		Couse Level	Short Cycle (Associate's Degree)					
ECTS Credit	3	Workload	75 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	this course is desgned to teach students basics of server architecture.								
Course Content	client\server architecture, server types, 2 and 3 layer architectures,advantages and disadvantages of client\server architecture, component based architectures, server installation practices								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Experiment, Demonstration, Case Study, Project Based Study, 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	CentOS System and Server Management- Deniz Parlak, Yunus Çiftçi (Kodlab Yayınları)

Week	Weekly Detailed Course Contents	
1	Theoretical	client\server architecture
2	Theoretical	client
3	Theoretical	server
4	Theoretical	server types
5	Theoretical	two layered architectures
6	Theoretical	three layered architectures
7	Theoretical	comparison of two and three layered architectures
8	Theoretical	advantages and dşsadvantages of S\C architectures
9	Intermediate Exam	midterm exam
10	Theoretical	component based architectures
11	Theoretical	installing web server and settings
12	Theoretical	installing web server and settings
13	Theoretical	installing database server and settings
14	Theoretical	installing database server and settings
15	Theoretical	installing file and FTP server and settings
16	Theoretical	final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Assignment	7	0	1	7
Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
			Total Workload (Hours)	75
			[Total Workload (Hours) / 25*] = **ECTS**	3
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	learning client\server architectures

2	uusing layer architectures
3	using server applications
4	Knows the history of Linux open source operating system.
5	Knows how to install Centos 7 on local disk.

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	3	2	3	3	2
P2	3	2	3	3	2
P3	3	2	3	3	2
P4	3	2	3	2	3
P5	2	2	2	2	3
P6	2	2	2	1	3
P7	3	2	5	1	2
P8	3	2	5	3	2
P9	2	2	3	3	1
P10	2	2	3	2	1
P11	3	2	3	2	1