AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Server Operating System					
Course Code		BPR251		Couse Level		Short Cycle (Associate's Degree)	
ECTS Credit	5	Workload	125 *(Hours)*	Theory	3	Practice	1	Laboratory	0
Objectives of the Course		With this course students; server operating system management.					
Course Content		Server Management System, Server Operating System Management, File System, Disk Clustering Systems, File and Directory Management, Data Sharing and Security, Backup and Restore, Active Directory Structure, User Group Account Creation and Management, Advanced Account Management, Tcp / Ip Networks, Network Printing Services, Dhcp Service, Wins Service, Dns Service.					
Work Placement		N/A					
Planned Learning Activities and Teaching Methods		Explanation (Presentation), Demonstration, Discussion, 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	Windows Server 2008 R2/SP1-Nedim ŞAHİN

Week	Weekly Detailed Course Contents	
1	Theoretical	Server Operating System
2	Theoretical	Server Operating System Management
3	Theoretical	File System Disk Clustering Systems (Raid)
4	Theoretical	File System Disk Clustering Systems (Raid)
5	Theoretical	Data Sharing and Security
6	Theoretical	Backup and Restore
7	Theoretical	Active Directory Structure
8	Theoretical	User Groups Account Creation and Management
9	Intermediate Exam	Midterm
10	Theoretical	Advanced Account Management
11	Theoretical	Tcp/Ip Network
12	Theoretical	Network Printing Services
13	Theoretical	Dhcp Services
14	Theoretical	Wins Services
15	Theoretical	Dns Services
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
Term Project	1	0	32	32
Laboratory	25	0	1	25
Midterm Examination	1	5	1	6

Final Examination	1	5	1	6
		Total Workload (Hours)		125
		[Total Workload (Hours) / 25*] = **ECTS**		5

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Preparing to use the server operating system
2	Performing data management
3	Managing the directory service of the server operating system
4	Providing network administration
5	Manage network services

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