



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Open Source Operating System							
Course Code		BPR208		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		With this course students; it is aimed to acquire competencies related to the use of open source code operating system.							
Course Content		Open Source Operating System Essentials and Tools, Basic Networking and Networking, Internet Connection, Basic User and Group Operations, Open Source Operating System Editors, Open Source Operating System Structure, Basic Desktop Concepts and Operations, File System and Operation Logic, Open Source Operating System Basic Tools and Applications, Program Installation and Updating, Shell Processing, File and Directory Sharing.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Individual Study, Problem Solving					
Name of Lecturer(s)		Lec. Berkay ÇAKIR							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Linux İşletim Sistemi- Görkem ÇETİN
2	Her Yönüyle Pardus-Talat UYARER

Week	Weekly Detailed Course Contents	
1	Theoretical	Open Source Coded Operating System Structure
2	Theoretical	Basic Desktop Concepts and Operations
3	Theoretical	File System and Operation Logic
4	Theoretical	Open Source Operating System Basic Tools and Applications
5	Theoretical	Basic Networking and Network Settings
6	Theoretical	Basic Networking and Network Settings
7	Theoretical	Internet connection
8	Theoretical	Basic User and Group Operations
9	Intermediate Exam	midterm
10	Theoretical	Open Source Operating System Editors
11	Theoretical	Installing and Updating Programs
12	Theoretical	Shell Processing
13	Theoretical	Shell Processing
14	Theoretical	File and Directory Sharing
15	Theoretical	File and Directory Sharing
16	Final Exam	Final Examination

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Laboratory	7	3	2	35
Midterm Examination	1	5	1	6



Final Examination	1	5	1	6
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = <b>ECTS</b>				3
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Set up the installation and basic settings of the open source operating system
2	Using the tools of the open source operating system
3	Administering the open source operating system
4	To perform the installation of open source operating system
5	To understand file and directory sharing

### 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	5	5	5	4
P2	3	5	5	4	3
P3	5	5	5	4	3
P4	4	1	5	3	3
P5	4	4	4	3	2
P6	5	4	5	3	2
P7	1	1	3	3	2
P8	1	1	1	3	2
P9	1	1	1	3	2
P10	5	4	5	3	2
P11	4	5	5	3	2

