AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Computer Hardware						
Course Code	BPR105		Couse Level	Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Teaching hardware installation practices						
Course Content	Cautions against static electric, properties of hardwares, Motherboard, Processor and Memory units, Disc drives, hardware cards, peripheral units, BIOS, Error messages						
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	Bilgisayar Donanımı- Mehmet ÖZGÜLER
2	Bilgisayar Donanımı-Ebubekir YAŞAR

Week	Weekly Detailed Course Contents	
1	Theoretical	Cautions against static electric
2	Theoretical	Properties of hardware elements
3	Theoretical	Power requirement of computer tower
4	Theoretical	Power requirement of computer tower
5	Theoretical	Motherboard, processor and memory units
6	Theoretical	Motherboard, processor and memory units
7	Theoretical	Hard drives
8	Theoretical	Hard drives
9	Intermediate Exam	Midterm exam
10	Theoretical	Hardware cards
11	Theoretical	Hardware cards, peripheral units
12	Theoretical	peripheral units
14	Theoretical	BIOS error messages
15	Theoretical	error messages
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	1	0	5	5
Project	1	0	5	5
Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
			Total Workload (Hours)	50
			[Total Workload (Hours) / 25*] = **ECTS**	2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Controlling hardware elements

2	Installing hardware elements
3	Doing BIOS configuration
4	Have knowledge about the parts of the computer.
5	Will be able to define peripherals.
6	Identifies the BIOS and changes the BIOS settings.

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