COMPUTER HARDWARE

1	Course Title:	COMPUTER HARDWARE
2	Course Code:	BLPZ124
3	Type of Course:	Optional
4	Level of Course:	Short Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	No
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Öğr.Gör. ARİF HIKMET CAF
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	0 224 512 34 91
17	Website:	
18	Objective of the Course:	For students being familiar with computer parts and working principles.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	will have information about the hardware components of a computer.
	2	Lists the hardware components such as processor, memory, disk, main board, etc.
	3	Explains the features (speed, capacity, etc.) of the hardware components of a computer.
	4	Explains the relationships between the components of a computer and how data are transferred among the components.
	5	will be able to identify the periferal devices outside computer.
	6	Uses computer using input devices, such as keyboard and mouse.
	7	Transfers data outside the computer using output devices, such as screen and printer.
	8	Saves files to removable devices and loads files from removable devices.
	9	
	10	
21	Course Content:	

Course Content:

Week	Theoretical	Practice
1	Definition of computer and its historical development	
2	Definition of hardware and its structure	

3	Processor, hard disk, memory, mainboard, ROM memory	
4	Input devices: Keyboard and mouse	
5	Output devices: Screen and printer	
6	Output devices: Screen and printer	
7	Repeating courses and midterm exam	
8	Repeating courses and midterm exam	
9	Drivers	
10	Other peripheral devices	
11	Powering the computer on	
12	Network and application software	
13	BIOS and BIOS settings	
14	BIOS and BIOS settings	
22	Textbooks, References and/or Other Materials:	Bilgi ve İletişim Teknolojisi Writers: Metin BEREKET Engin TEKİN
23	Assesment	

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade	40.00	
Contribution of Final Exam to Success Grade	60.00	
Total	100.00	
Measurement and Evaluation Techniques Used in the Course		

24	**ECTS / WORK LOAD TABLE**

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	8	8.00	64.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	15.00	15.00
Others	0	0.00	0.00
Final Exams	1	15.00	15.00
Total Work Load			122.00
Total work load/ 30 hr			4.07
ECTS Credit of the Course			3.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			