

INFORMATION SYSTEMS HARDWARE

1	Course Title:	INFORMATION SYSTEMS HARDWARE	
2	Course Code:	BIL2101	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	2	
6	Semester:	3	
7	ECTS Credits Allocated:	4.00	
8	Theoretical (hour/week):	3.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:		
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Öğr. Gör. MUSTAFA BALAY	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:		
17	Website:		
18	Objective of the Course:	The aim of this course to help students recognizing hardware; understanding working system of computer; combining suitable hardware; determining cost/performance analysis; solving hardware problems; maintenance and cleaning hardware and to know computer viruses and protecting ways.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	To be able to know computer hardware
		2	To be able to explain functions of computer hardware
		3	To be able to understand working principles of computer hardware.
		4	To be able to determine hardware in accordance with price/performance criteria.
		5	To be able to disassemble the computer.
		6	To be able to recognize hardware problems
		7	To be able to do maintenance and cleaning computer hardware.
		8	To be able to know ways of protection to computer viruses.
		9	To be able to combine computer components.
		10	It provides working safety
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Introduction the course and to give general information about the course		

2	Historical development and its phases of computer, computer architecture and working	
3	Central processor Unit and properties	
4	Main boards and properties, memory structures	
5	Graphic card, hard disk	
6	Sound/Ethernet/Modem/TV etc. cards, Serial/Parallel/USB ports.	
7	ISA/PCI/AGP/PCI Express slots and properties, BIOS properties,	
8	BIOS Features	
9	Backup units.	
10	Backup units.	
11	Backup units.	
12	Computer viruses and protection methods.	
13	Practice	
14	Practice	

22	Textbooks, References and/or Other Materials:	<ul style="list-style-type: none"> - Pala, Z. Bilgisayar Donanımı, Türkmen Kitapevi, 2005 İstanbul. - Pusula Yayıncılık, Bilgisayar Donanımı Kitabı pdf (Public) - www.cizgi-tagem.org
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23		Assesment			
Activites		Number	Duration (hour)	Total Work Load (hour)	
Theoretical Quiz	0	0	14	3.00	42.00
Practicals/Labs		0	0.00	0.00	
Self study and preperation Final Exam	1	60	14	1.00	14.00
Homeworks		0	0.00	0.00	
Projects		0	0.00	0.00	
Contribution of Term (Year) Learning Activities to		40	0.00	0.00	
Field Studies		0	0.00	0.00	
Contribution of Final Exam to Success Grade		60	100	32.00	32.00
Others		0	0.00	0.00	
Final Exams					
Measurement and Evaluation Techniques Used in the		1	32.00	32.00	
Total Work Load				120.00	
24		ECTS WORK LOAD TABLE			
Total work load/30				4.00	
ECTS Credit of the Course				4.00	

[illegible]

ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			