	NETWORKING BASICS										
1	Course Title:	NETWO	RKING BASICS								
2	Course Code:	BLPZ248	3								
3	Type of Course:	Compuls	ory								
4	Level of Course:	Short Cy	cle								
5	Year of Study:	2									
6	Semester:	4									
7	ECTS Credits Allocated:	3.00									
8	Theoretical (hour/week):	3.00									
9	Practice (hour/week):	0.00									
10	Laboratory (hour/week):	1									
11	Prerequisites:	None									
12	Language:	Turkish									
13	Mode of Delivery:	Face to f	ace								
14	Course Coordinator:	Öğr. Gör	. NEBİ SEREN								
15	Course Lecturers:										
16	Contact information of the Course Coordinator:	nseren@ 0532 788	gmail.com 3 75 40								
17	Website:										
18	Objective of the Course:	recogniti	course, creation of local and wide area networks, the on and effective use of equipment that can be used on the problems with removal and orientation is to acquaint the skills.								
19	Contribution of the Course to Professional Development:										
20	Learning Outcomes:										
		1	Will be able to know how networks work, and use the networking devices and use network protocols.								
		2	Knows the concepts LAn, MAN and WAN.								
		3	Describes networking devices.								
		4	Knows adressing.								
		5	Knows the concepts FTP, e-mail, SMTP and DNS.								
		6	Will be able to describe the various cables and networking devices.								
		7	Knows the cables used in networks.								
		8	Chooses the suitable cable for the network.								
		9	Chooses the suitable cable for the network.								
		10	Knows the routers and connect them to a network.								
21	Course Content:										
		Co	purse Content:								
	Theoretical	,	Practice								
1	Introduction to computer networks ar terminology	nd									
2	Signals and modulation										
3	Serial and paralel communication, handshaking										
4	Communication methods: cables and	d wireless									

5	Cable categories, twisted pairs, coaxial and fiber optic cables																	
6	Computer network topologies																	
7	Repeating courses and midterm exam																	
8	Connection types: LAN - LAN, LAN-MAN, computer-Internet																	
9	Evolution of computer networks																	
10	Network Protocols, OSI protocol stack																	
11	OSI Layers 1,2 and 3																	
12	OSI Lay	ers 4,	5, 6, 7	•														
13	Web ted	hnolog	gies															
14	Wireles	s Com	munica	ation <sup>-</sup>	Techno	ologies	3											
22	Textbooks, References and/or Other Materials:								Lecture notes, prepared by the teaching staff.									
23	Assesm	ent																
TERM L	EARNIN	G ACTI	VITIES			N R	IUMBE	W	EIGHT									
Midtern	n Exam					1		25	25.00									
								0.	0.00									
Home v	work-pro	ject				2		15	15.00									
Final Exam 1								60	60.00									
Activites								Numb	er		Dura	Duration (hour) Total Work Load (hour)						
Checrib	tictaln of	Final E	xam to	Suc	cess G	rade		6	1 <b>4</b> 0			2.00	2.00					
Practica	als/Labs								0			0.00	0.00					
Relastu	iewenda	Kepeva	tivatio	n Tec	hnique	s Use	d in th	е	14			3.00			42.00			
Homew	vorks								2						14.00			
Prefect	Rect ECTS / WORK LOAD TABLE											0.00			0.00			
Field S	Field Studies								0			0.00			0.00			
Midtern	/lidterm exams								1			4.00	4.00					
Others	thers									0					0.00			
Final E	nal Exams											6.00		6.00				
Total W	Total Work Load											98.00						
	Total work load/ 30 hr								3.13									
ECTS (	ECTS Credit of the Course								3.00									
25										OUTC		S TO I	PROC	SRAM	ME			
	PQ <sup>2</sup>	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1	PQ11	PQ12	PQ1	PQ14	PQ15	PQ16		
ÖK1	5	5	2	3	3	4	2	0	0	0	0	0	0	0	0	0		
ÖK2	5	5	2	3	3	3	2	0	0	0	0	0	0	0	0	0		

ÖK3

ÖK4

ÖK5	4	4	3	2	2	4	4	0	0	0	0	0	0	0	0	0
ÖK6	3	4	4	3	3	3	4	0	0	0	0	0	0	0	0	0
ÖK7	5	4	4	3	3	4	5	0	0	0	0	0	0	0	0	0
ÖK8	5	4	4	3	3	3	5	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																
Contrib 1 very low ution Level:			2 low			3 Medium			4 High			5 Very High				