	NET	WORI	KING BASICS								
1	Course Title:	NETWO	RKING BASICS								
2	Course Code:	BLPZ248	В								
3	Type of Course:	Compuls	sory								
4	Level of Course:	Short Cy	rcle								
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	face								
14	Course Coordinator:	Öğr. Gör	. NEBİ SEREN								
15	Course Lecturers:	elemanla									
16	Contact information of the Course Coordinator:	rse nseren@gmail.com 0532 788 75 40									
17	Website:										
18	Objective of the Course:	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:	To estab	lish, understand and analyze networks that serve the end								
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	ourse Content:								
	Theoretical		Practice								
1	Introduction to computer networks a terminology	nd 	Examination of network structures in laboratory environment								
2	Signals and modulation		Examining in detail with examples of copper cable types								
3	Serial and paralel communication, handshaking		Cross cable type application								

4	Communication methods: cables and	d wireless	Straight connection	type application						
5	Cable categories, twisted pairs, coax fiber optic cables	ial and	Example of connecting two computers without network card only by cable							
6	Computer network topologies		The students try out the cable tying end fastening applications							
7	Repeating courses and midterm example	m	Examining examples of indoor and outdoor wired connections							
8	Connection types: LAN - LAN, LAN-Normputer-Internet	MAN,	Example of connecting computers including a network card							
9	Evolution of computer networks		Making a wireless	connection						
10	Network Protocols, OSI protocol stac	:k	Testing the perforn	nance of the wireless co	nnection					
11	OSI Layers 1,2 and 3		Viewing and control intermediary applications	olling computers on the rations.	etwork with					
12	OSI Layers 4, 5, 6, 7		Application to acce	ss other computers on t	he network					
13	Web technologies		Printer sharing app	lication						
14	Wireless Communication Technologi	es	Evaluation of all ap	pplications, final examina ment.	tions in the					
22	Textbooks, References and/or Other Materials:		Lecture notes, prepared by the teaching staff.							
23	Assesment		•							
TERM I	LEARNING ACTIVITIES	NUMBE R	WEIGHT							
Midterr	m Exam	1	25.00							
Activit	tes		Number	Duration (hour) Total Worl Load (hou						
Theore	etical	4	100400	3.00	42.00					
Theore Total Practic	etical eals/Labs	4	100.00	3.00	, ,					
Practic		4			42.00					
Practic	als/Labs	4	14	1.00	42.00 14.00					
Practic	als/Labs alg/Candepreperation vorks	4	14	1.00	42.00 14.00 14.00					
Practices Suffees Homev	als/Labs als/Caadepreperation vorks	4	14 14 2	1.00 1.00 7.00	42.00 14.00 14.00 14.00					
Practice Selfest Homev Project Field S	als/Labs als/Caadepreperation vorks	4	14 14 2 100.00 0	1.00 1.00 7.00 0.00	42.00 14.00 14.00 14.00 0.00 0.00					
Practice Self-cets Homev Project Field S Windtese	als/Labs als/Gandepreparation vorks ts tudies an exams		14 14 2 100.00 0	1.00 1.00 7.00 0.00 0.00	42.00 14.00 14.00 14.00 0.00 0.00					
Practice Self-cets Homev Project Field S Windtese	als/Labs als/Eahdepreperation vorks ts tudies an exams		14 2 100.00 0 the principles of Bu	1.00 1.00 7.00 0.00 0.00 ursa u landeng University As	42.00 14.00 14.00 14.00 0.00 0.00 4000ate and					
Practice Suffeet Homev Project Field S Windtener Others Final E	als/Labs als/Gandepreparation vorks ts tudies an exams		14 2 100.00 0 the principles of Bu	1.00 1.00 7.00 0.00 0.00 ursa uladag University As	42.00 14.00 14.00 14.00 0.00 0.00 slowte and 0.00					
Practice Self case Homev Project Field S Chicker Others Final E Total V	als/Labs als/Candepreperation works ts studies an exams		14 2 100.00 0 the principles of Bu	1.00 1.00 7.00 0.00 0.00 ursa uladag University As	42.00 14.00 14.00 0.00 0.00 0.00 scottate and 0.00 6.00					
Practice Suffeet Homev Field S Widtest Others Final E Total W	als/Labs als/Candepreparation vorks ts tudies an exams Vork LOAD TABLE kams		14 2 100.00 0 the principles of Bu	1.00 1.00 7.00 0.00 0.00 ursa uladag University As	42.00 14.00 14.00 14.00 0.00 0.00 0.00 scoolate and 0.00 6.00					
Practice Suffeet Homev Field S Widtest Others Final E Total W	als/Labs als/Candepreperation vorks ts tudies an exams Vork Load vork load/ 30 hr Credit of the Course	OF LEA	14 2 100.00 0 the principles of Bu 0 1 RNING OUTCO	1.00 1.00 7.00 0.00 0.00 0.00 0.00 6.00 MES TO PROGRAM	42.00 14.00 14.00 14.00 0.00 0.00 0.00 6.00 94.00 3.13 3.00					

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	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	4	4	3	2	2	4	2	0	0	0	0	0	0	0	0	0
ÖK4	4	4	4	3	3	5	3	0	0	0	0	0	0	0	0	0

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	2 low		3 Medium			4 High			5 Very High				