

COMPUTER NETWORKS

1	Course Title:	COMPUTER NETWORKS
2	Course Code:	IYZ4204
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	4
6	Semester:	8
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	2.00
10	Laboratory (hour/week):	0
11	Prerequisites:	
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Dr. Öğr. Üyesi MELİH ENGİN
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	Yrd. Doç. Dr. Melih ENGİN
17	Website:	
18	Objective of the Course:	Networks and data transmission, data transmission medium, Network Hardware, Network Topology, Network Protocols, IP Addressing and Routing, Wireless Technology, Operating Systems and Networks, Network Management, Wired Networking, Network Security, Internet, Wired Networking, Networking application.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	To understand the basics of computer networks.
	2	Know the types of computer networks.
	3	Data transmission media and useful features.
	4	Finding network equipment and functions.
	5	To make an Ethernet cable.
	6	Knowing the Network Topology and areas.
	7	Ağ protokollerinin görevlerini kavrayabilme.
	8	TCP / IP protocol to know the working principles.
	9	To establish a network of two computers.
	10	To establish a small network.
21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
1	Laboratory Care	
2	Networks and data transmission	
3	Data Transmission Media, Cable made	
4	Network Hardware	
5	Network Topologies	

ÖK5	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK8	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK9	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK10	0	4	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			