

INTEGRATED COMMUNICATION NETWORKS

1	Course Title:	INTEGRATED COMMUNICATION NETWORKS	
2	Course Code:	EEM4405	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	4	
6	Semester:	7	
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:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. GÜNEŞ YILMAZ	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	E-posta:gunesy@uludag.edu.tr Tel: (224) 294 20 16 Adres: Elektronik Mühendisliği Bölümü 5. Kat, No:532	
17	Website:		
18	Objective of the Course:	To inform students about integrated communication networks including ISDN, ATM, SDH, LAN, MAN and WAN systems.	
19	Contribution of the Course to Professional Development:	Learning of Integrated Communication networks.	
20	Learning Outcomes:		
		1	To have knowledge about signalling and switching systems, transmission media types and characteristics
		2	To comprehend ISDN standards, protocols and services
		3	To have an opinion about ATM and SDH technologies, local and metropolitan area network structures and application areas, X.25 and Frame Relay protocols.
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21	Course Content:		
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Week	Theoretical	Practice	
1	Wideband integrated communication networks- general characteristics		
2	Signalling techniques in communication systems		
3	Switching techniques in communication systems		

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High
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