

Data Communication Network					
Course Code CIS62007	Student Workload 60 hours	Credits (according to ECTS) 3	Semester 2	Frequency each even-semester	Duration 16 meetings
1	Types of courses <i>Compulsory (study program level)</i>	contact hours 42 hours	independent study 18 hours	class size 40 students	
2	Prerequisites for participation				
3	Learning outcomes IS-ILO-4 Graduates can develop professional careers in computer science based on quality aspects, data-driven decision making, be responsible, and make continuous improvements.				
4	Subject aims <ul style="list-style-type: none"> • Students are able to explain the concept of communication in computer networks and the Internet • Students are able to explain the basic principles of network-based applications • Students are able to explain the concept of transport layer services in computer networks • Students are able to apply the concept of network layer services in computer networks • Students are able to explain the principles of the DataLink layer protocol • Students are able to explain the concepts and services provided in the form of services mobile and wireless 				
5	Teaching methods lectures, case study, class discussion, presentation, practical work				
6	Assessment methods assignment, mid-term examination, end-term examination, project evaluation, practical-skill assessment				
7	This module is used in the following degree programs as well				
8	Responsibility for module				
9	Other information <ol style="list-style-type: none"> 1. Kurose, James, Ross, W., Computer Networking A Top-down Approach 6th Edition, Pearson, 2013 2. Forozan, Behrouz, TCP/IP Protocol Suite 4th Edition, McGraw Hill, 2010 				