Course Name	Course Code	semester	T + P	Credit	ECTS
Computer Networks		6	3 + 0	3	5

Prerequisite Courses	None

Language of Course	Turkish
Course class	compulsory
Coordinator of Course	
Instructor	
Course Assistant	
Objective of Course	Learn about cellular wireless networks, local networks, and high-speed networks
Course Learning Output	Ability to apply knowledge of mathematics, science and engineering, Ability to define, formulate and solve engineering problems
Course Contents	Data transmission, signal coding techniques, digital communication techniques, data connection control, multiplexing. Wide area networks, circuit switching, packet switching, routing. Cellular wireless networks. Local networks. High speed networks. Wireless networks. Inter-networks protocols.

Weeks	Topics
1	Data transmission
2	Signal coding techniques
3	Digital communication techniques
4	Hierarchical, network and relational data models
5	Data connection control, multiplexing
6	Circuit switching
7	MIDTERM
8	Packet switching
9	Local networks
10	Cellular wireless networks
11	Wireless networks
12	High-speed networks
13	Inter-networks protocols
14	Inter-networks protocols
15	FINAL EXAM

General Sufficiency
In evaluations, it is important for students to understand the main points of this lesson and use it in engineering applications.

References
Data and Computer Communications (8th Edition) by William Stallings

Assessment
Midterm exam: 40%, Final exam: 60%; Project or homework evaluations can be made at the beginning of the semester.