EHB415E Data Communication
EEB 5202 Monday 13:30-16:30
Selçuk Paker

Course Description

Communication Fundamentals
Transmission
WAN, LAN, IP
Wireless Networks
Internetworking
Data Communication Network Applications

Data transmission media. Baseband data transmission. Modems for data transmission. Interfaces and protocols. xDSL access technologies. Data networks and architectures. Internet, TCP/IP. OSI reference model and protocols. Packet switching systems. Local Area Networks (LAN's). Wireless data communication applications. Broadband networks. Data communication quality: security, reliability, availability and maintainability.

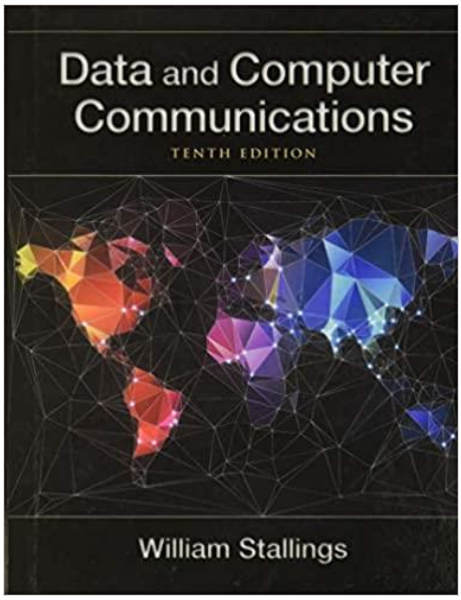
Students who complete the course will be able to:

I. Learn fundamentals of data communication,
II. Be familiar with current topics in data communication,
III. Analyze data communication systems,
IV. Develop data communication systems,
V. Learn the design principles of new systems,

Examine infrastructures of data communication networks

Books

STALLING W., "Data and Computer Communications",



Grading

Midterm exam	%30	(Not decided)
Short exams	%20	(Not decided) Maybe used mikrodalga.org
Homework or Project	%20	(Not decided)
Final exam	%30	(Not decided)
Final exam attendance rule		min XX/50

Term Project or Homework

Not decided yet

Analyze and determine performance of a selected data communication system