- Telecommunications

- Computer network
  - PAN
  - LAN
  - MAN
  - WAN
  - Internet

- Peer-to-Peer model
- Client-server model

- Casting methods
  - Unicast
  - Multicast
  - Broadcast

- Transmission Technology
  - Broadcast links
  - Point-to-point links

- Transmission Modes
  - Simplex
  - Half Duplex
  - Full Duplex

- Two ways to sending data
  - Connection-Oriented
    - Establish connection
    - Packets sequencing
    - Acknowledgement
    - Flow control
    - Terminate connection
  - Connectionless Service

- Service Primitives
  - Listen
  - Connect
  - Receive
  - Send
  - Disconnect