Key Terms

- Protocol
- Internet
- End System
- Network Edge
- Network Core
- Multiplexing
- Delay Components
  - Processing
  - Transmission (L/R)
  - Propagation (d/s)
  - Queuing
- Bandwidth
  - Measured in bits/second
- Propagation speed
  - Measured in meters/second
- Traffic Intensity
- Protocol layers
  - Application
  - Transport
  - Network
  - Link
  - Physical

Key Distinctions

- Connection-oriented vs. Connectionless
- Circuit switching vs. Packet switching vs. Message switching
- Virtual circuit network vs. Datagram network
- Bandwidth vs. Propagation speed
- Transmission delay vs. Propagation delay
- Protocol layering
  - Vertical view vs. horizontal view