Lecture 3: Core Internet Concepts

Reading: 1-1.3.3, 1.5 (overview)
2.2-2.2.3, 2.7-2.7.1 (http and socket programming)

a bit of fun: tinyurl.com/AQInternet
HTTP - hypertext transfer protocol
  transfer files

(transport layer - transport protocol) - multiplexing
TCP - transmission control protocol
  ordering, delivery, congestion control
  multiplexing

(network layer)
IP - Internet Protocol
  delivers packets to specified address
  no guarantees

(link layer)
WiFi - IEEE 802.11g / Ethernet
  multiple access, local addressing

(physical layer)
  modulating bits onto a medium
packet switching
separation of concerns / layering principle
end-to-end principle