

Definitions to know:

Lecture #6:

1. Communication Network
2. Personal Area Network (PAN)
3. Local Area Network (LAN)
4. Wide Area Network (WAN)
5. Communications Channel
6. Wired vs. wireless channels
7. RF Communication Signals
8. Microwave Communication Signals
9. Advantages and disadvantages of wireless channels
10. Bandwidth
11. Broadband
12. Narrowband
13. DTE (Data Terminal Equipment)
14. DCE (Data Communication Equipment)
15. Router
16. Modem
17. Communications Protocol

Lecture #7

1. Internet Backbone
2. Internet Service Providers (ISPs)
3. Packet Switching vs. Circuit Switching
4. Packets
5. TCP (Transport Control Protocol)
6. IP (Internet Protocol)
7. Static addresses vs. dynamic addresses
8. Domain Names
9. Domain Name System (DNS)
10. Top-level Domain
11. Domain name servers
12. DNS spoofing
13. Bandwidth cap
14. Bandwidth throttling
15. Symmetric connection vs. asymmetric connection
16. Ping
 - a. Ping rate
 - b. Latency
17. Packet loss
18. Traceroute
19. Wi-Fi hotspots

Lecture #8

1. Web site
2. Web server
3. Hypertext link
4. Unidirectional vs. bidirectional links
5. URLs
6. Short URLs
7. Browser basics
8. Navigation controls
9. Refresh button
10. Home Button
11. Bookmarks
12. Browser extensions
13. Plugins
14. Browser cache
15. History list
16. HTTP
17. Cookies
18. Session vs. persistent cookies
19. HTTPS
20. Public key encryption