CSCI 353 Acronym List

Bandwidth-Delay Product (BDP)

Carrier Sense Multiple Access (CSMA

CSMA/CD (Collision Detection)

CSMA/CA Collision Avoidance

Multiple Access Control (MAC)

Go-Back-N (GBN)

Selective Repeat (SR)

SNR (Signal/Noise)

Bit Error Rate (BER)

AS Autonomous Systems -- region of network under a single administrative entity)

Link State, e.g., Open Shortest Path First (OSPF)

Distance Vector, e.g., Routing Information Protocol (RIP)

Path Vector, e.g., Border Gateway Protocol (BGP)

LAN = Local Area Network

WAN = Wide Area Network

CIDR = Classless Interdomain Routing

eBGP: BGP sessions between border routers in different ASes

iBGP: BGP sessions between border routers and other  
routers within the same AS

IGP: “Interior Gateway Protocol” = Intradomain routing protocol

TTL – time to live

Maximum Transmission Unit” (MTU)

Differentiated Services Code Point (DSCP)

ToS type of service

Domain Name System (DNS)

**Address Translation Protocol (ARP)**

**Dynamic Host Configuration Protocol (DHCP)**

Top-level domain (TLD)

**Uniform Record Locator (URL)**

**Hyper Text Transfer Protocol (HTTP)**

**QUIZ**

**Internet Protocol (IP)**

*The Internet Control Message Protocol* *(ICMP)*

**Unicast vs. Multicast**