CMSC 417 — Computer Networks

Section Navigator, Fall 2012: Peterson and Davie, 5th Ed.

Section	Topic	Notes
1.3	Network Cloud, Protocol Layering	
3.3	Routing: DV and LS	
3.2	IP service model	
3.2	Addressing, Packet format	
4.1	Global Internet, BGP	
4.2	Multicast (brief)	
2.5	Reliable Transmission	
5.1	UDP	
5.2	TCP	(RFC 793)
6.3	TCP congestion control	(Jacobson, RFC 2001)
9.3	DNS	(RFC 882,883)
9.1	HTTP	(RFC 1945)
	P-HTTP, HTTP 1.1, HTTP 1.0 failures	(Mogul)
	SMTP MIME	(RFC 821,822,1521)
	FTP, NNTP	(RFC 959,977)
2.3	Framing	
2.4	Error detection: n-D Parity, CRC incl. h/w impl.	
2.6	Aloha, S-Aloha, Ethernet	(Tanenbaum)
2.7	Wireless LANs (802.11)	