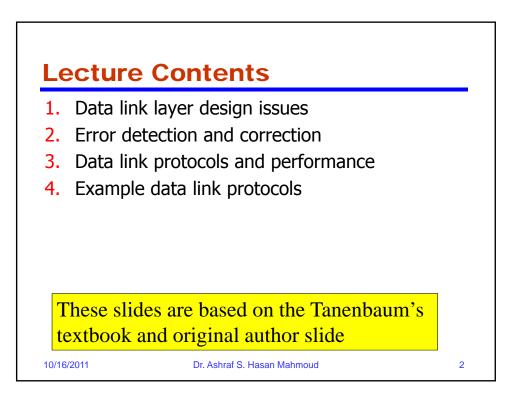
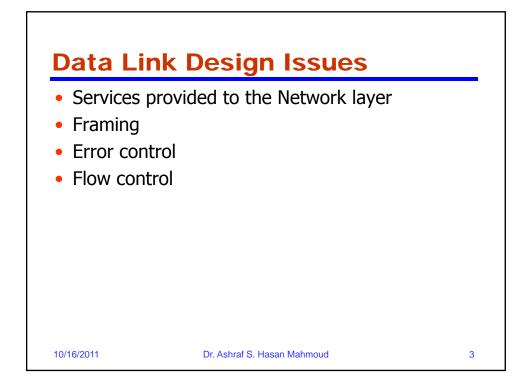
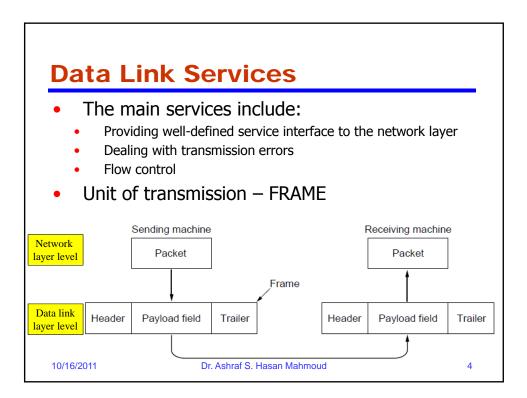
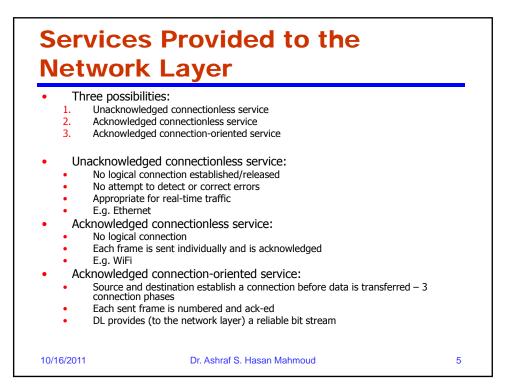
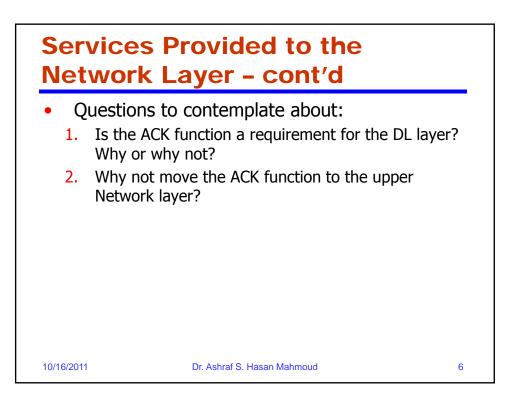
Petrol	ahd University of eum & Minerals Iter Engineering Dept						
COE 540) – Computer Networks						
	Term 111						
Dr. Ashr	Dr. Ashraf S. Hasan Mahmoud						
Rm 22-1	Rm 22-148-3						
Ext. 172	Ext. 1724						
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10/16/2011	Dr. Ashraf S. Hasan Mahmoud 1						

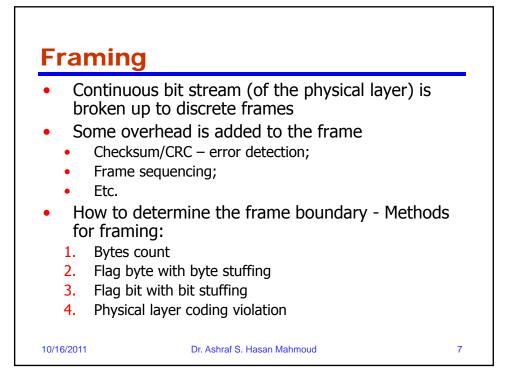


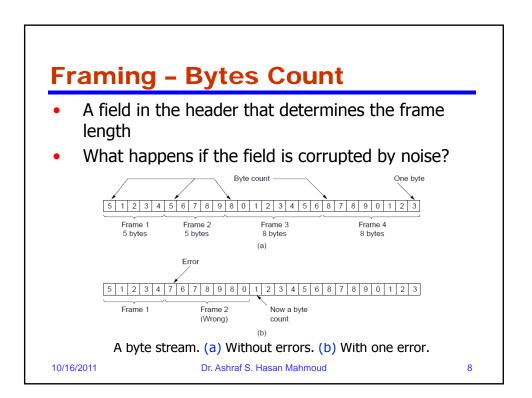


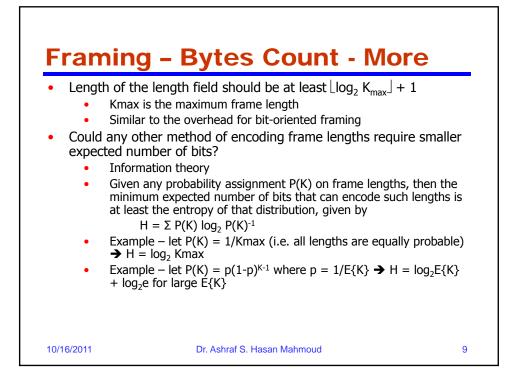


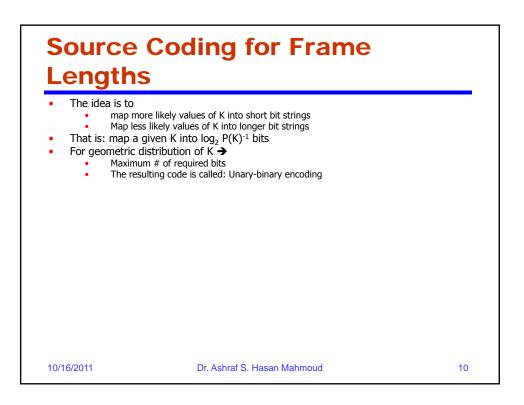


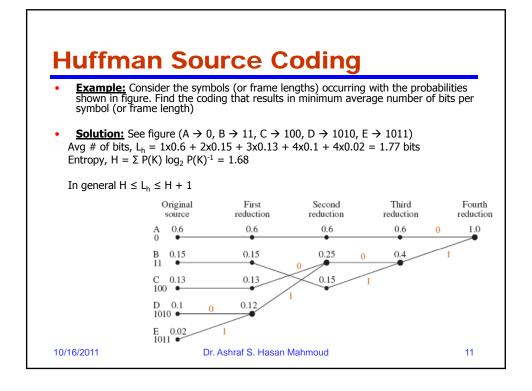


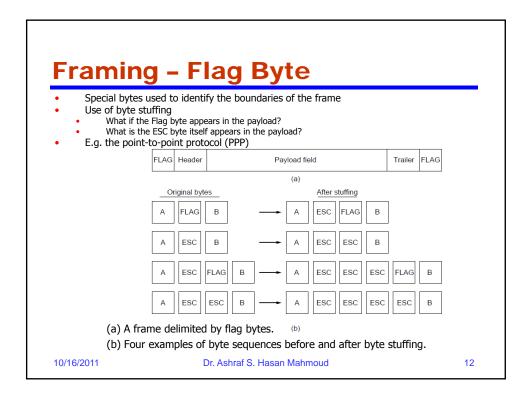


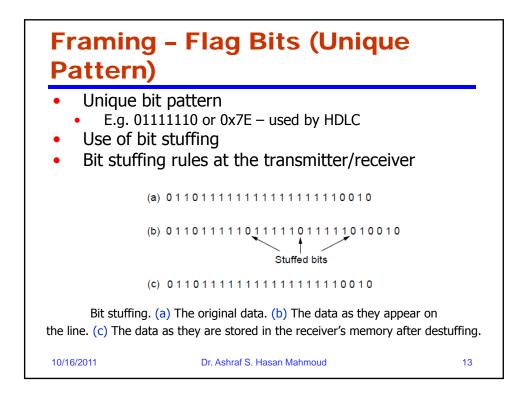


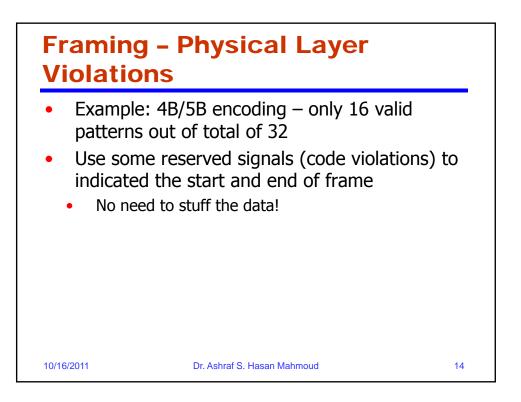


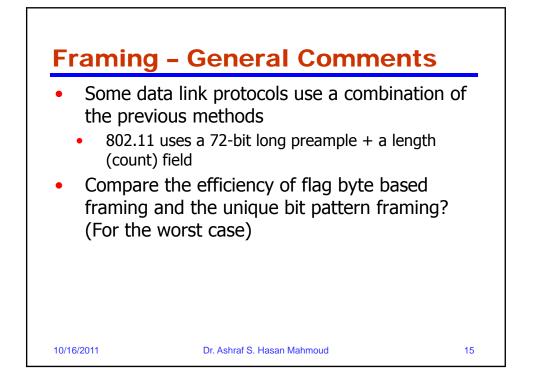


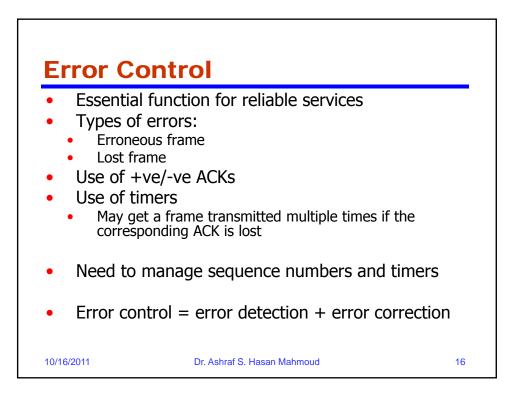


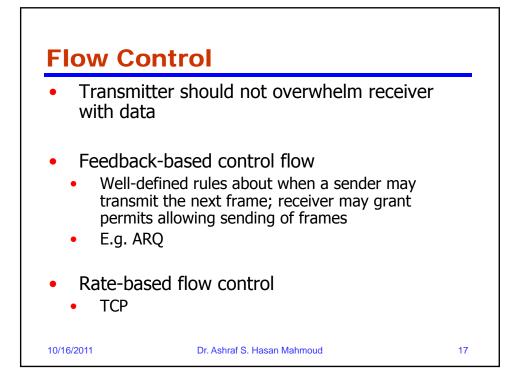


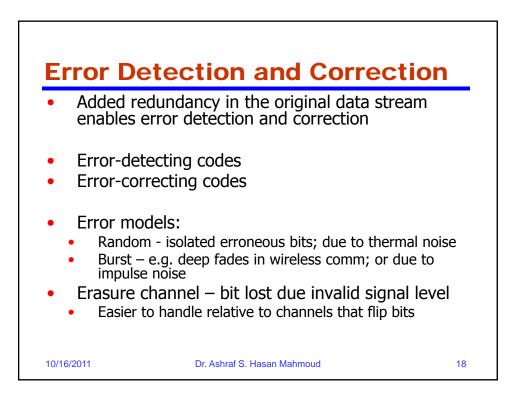


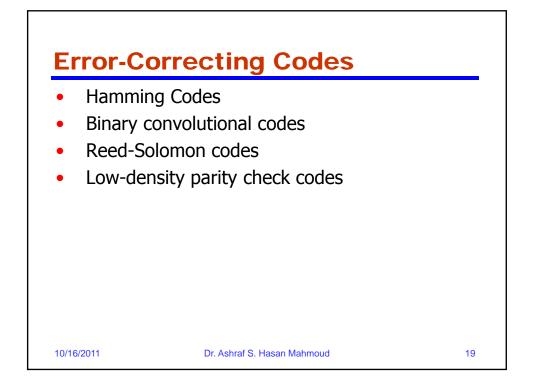


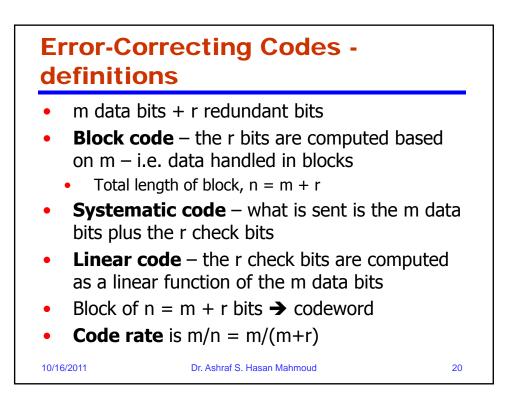


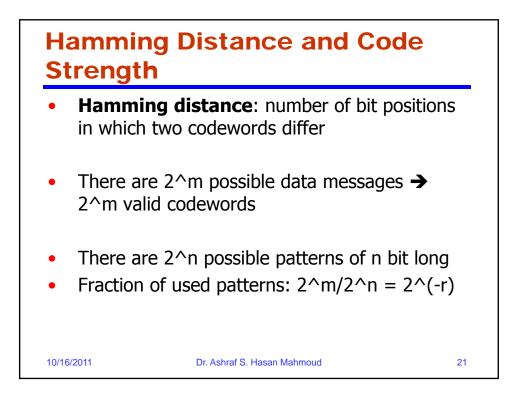


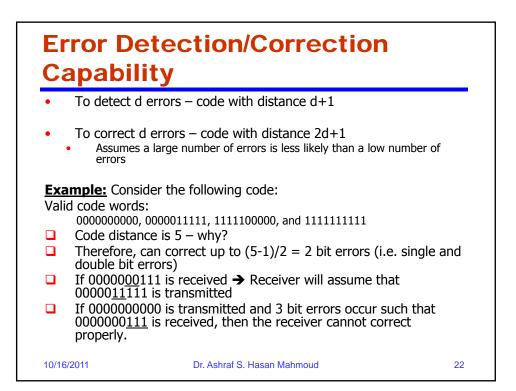


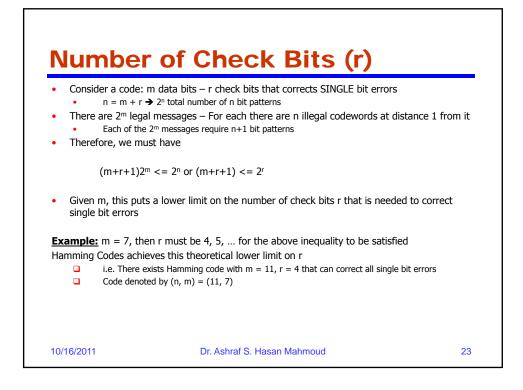


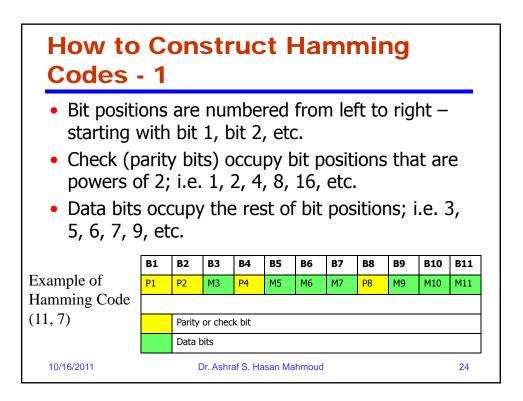


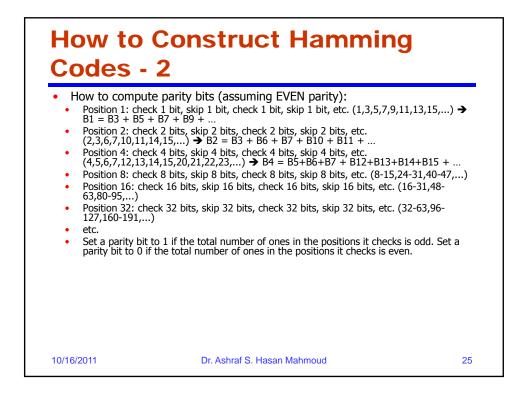


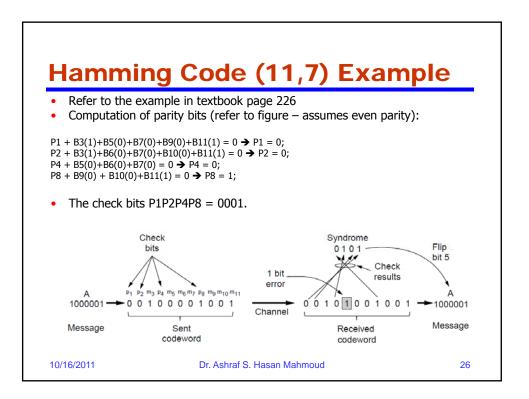


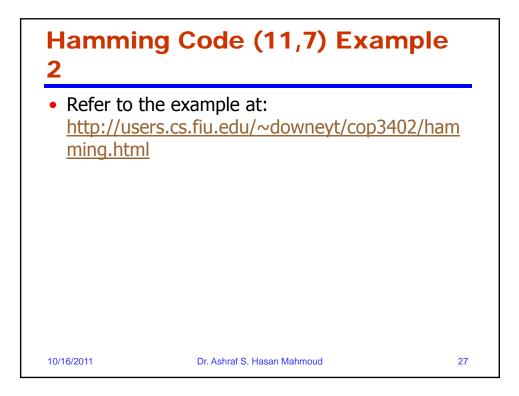


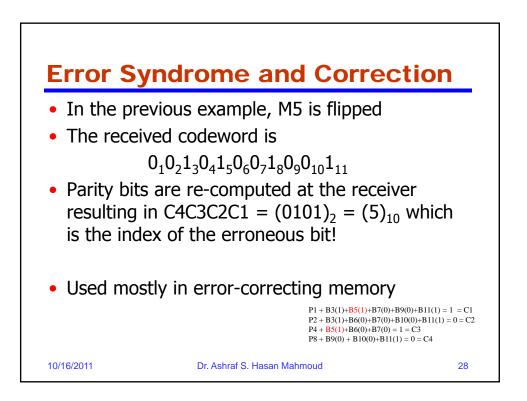


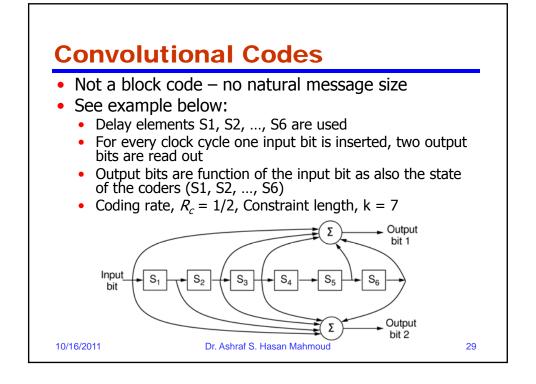


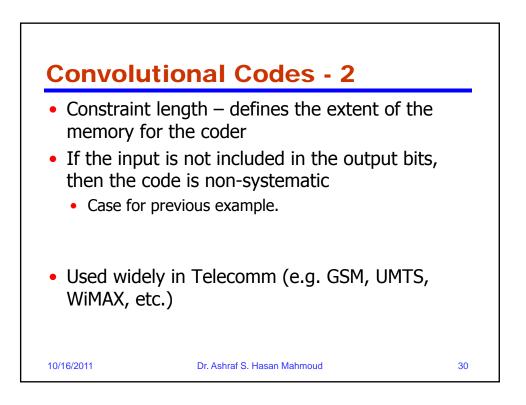


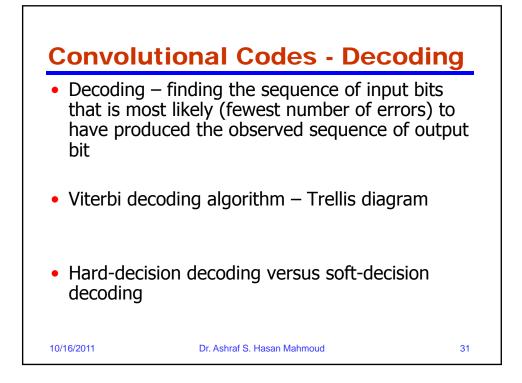


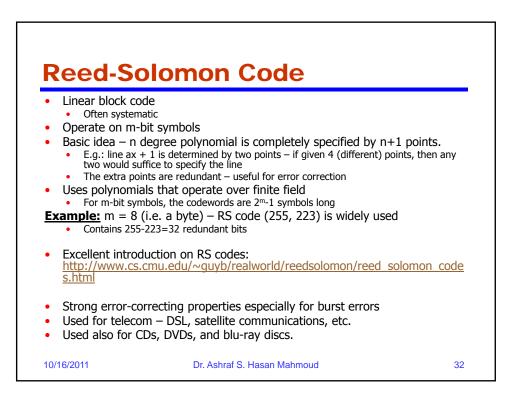


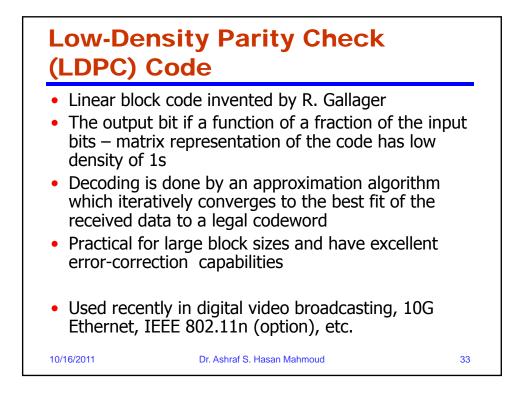


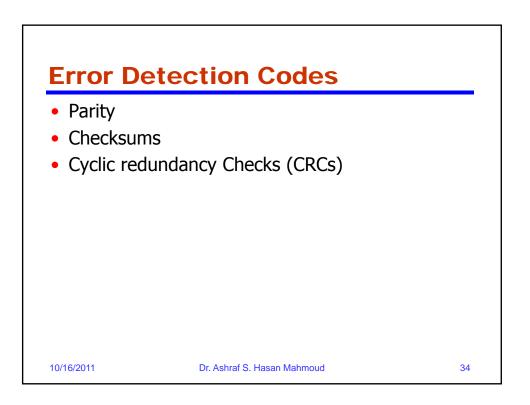


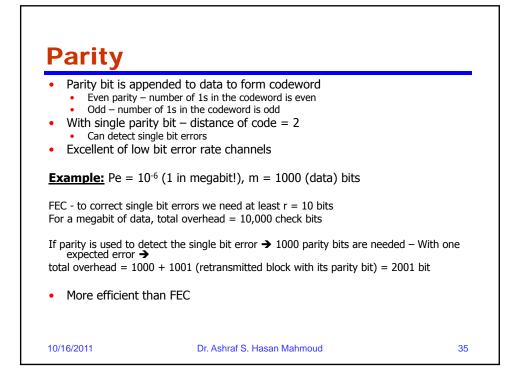


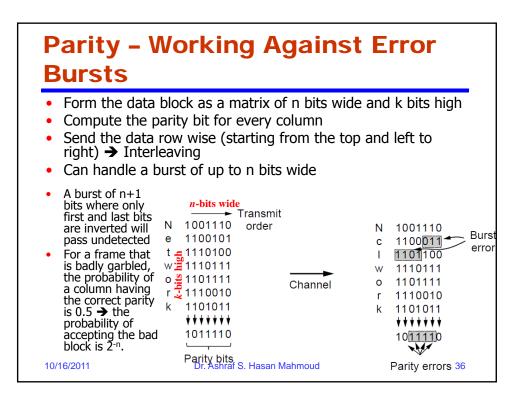


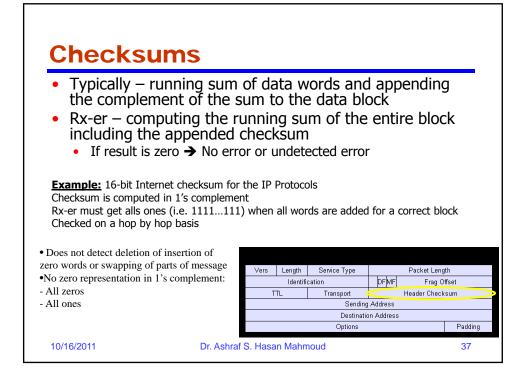


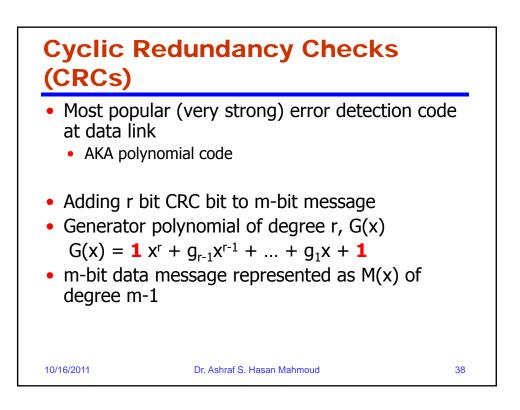


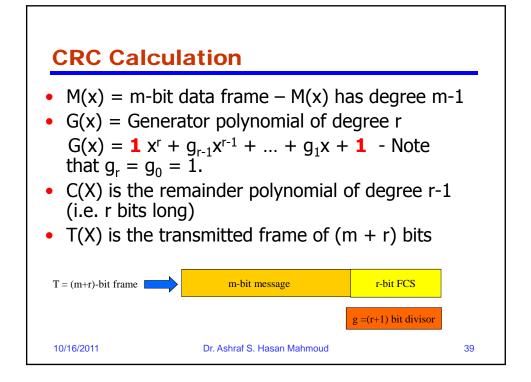


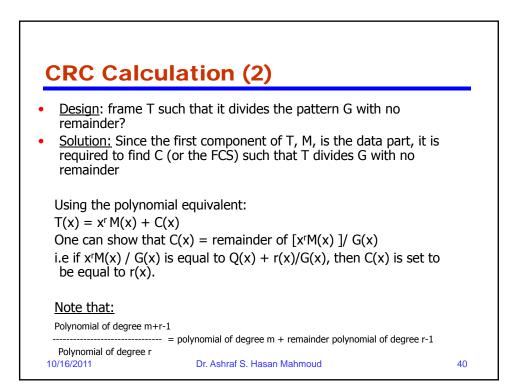


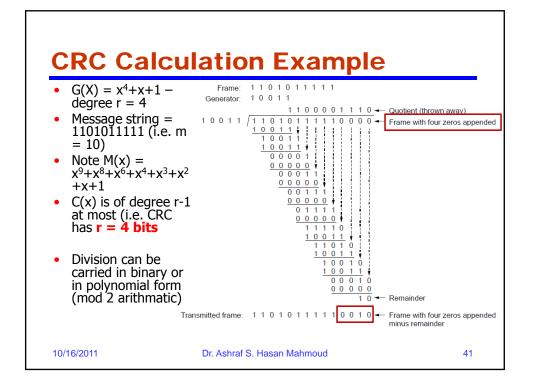


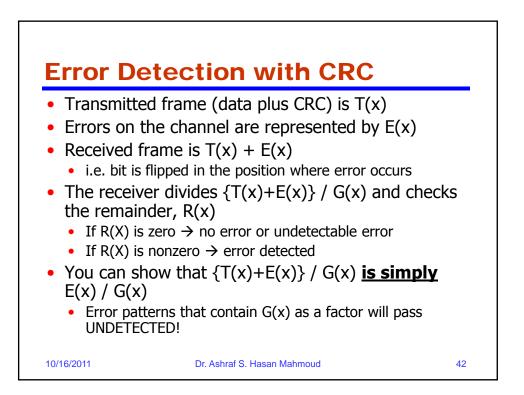


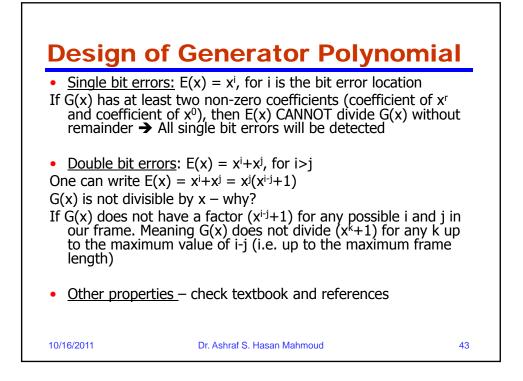


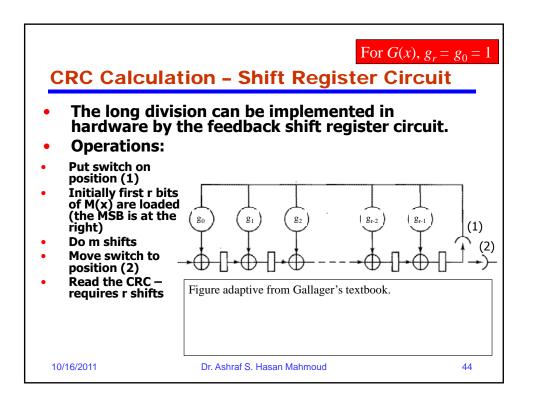


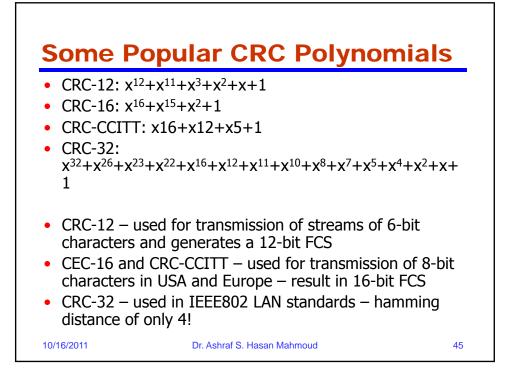


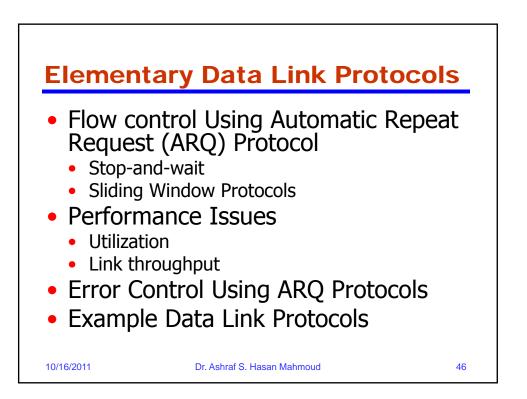


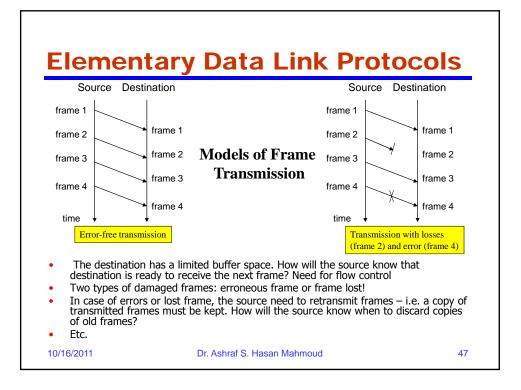


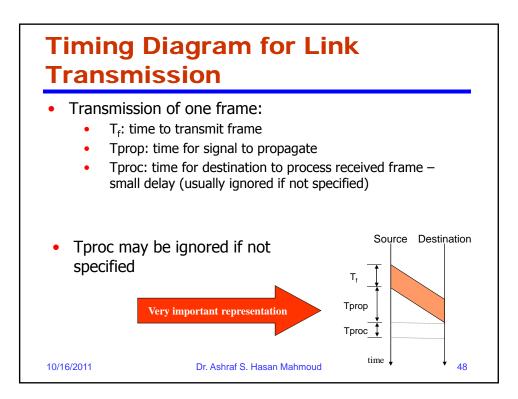


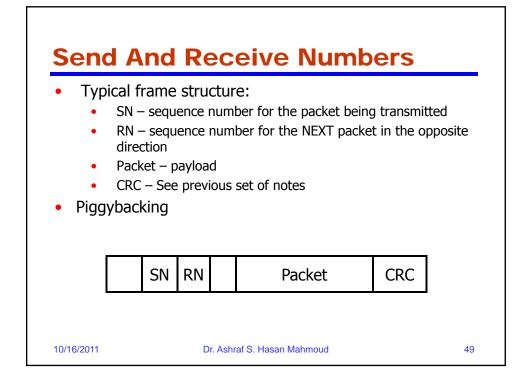


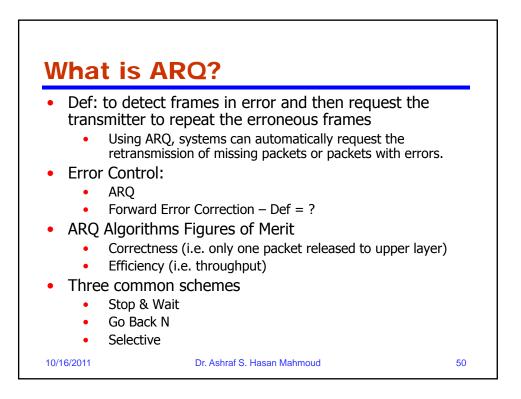


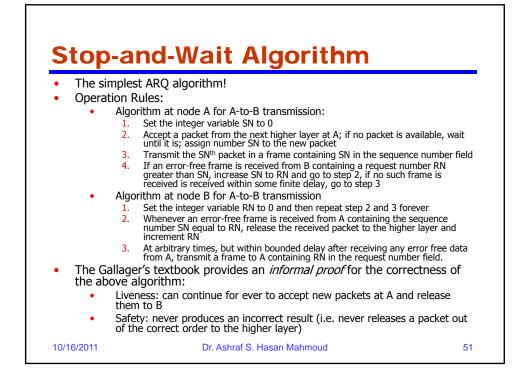


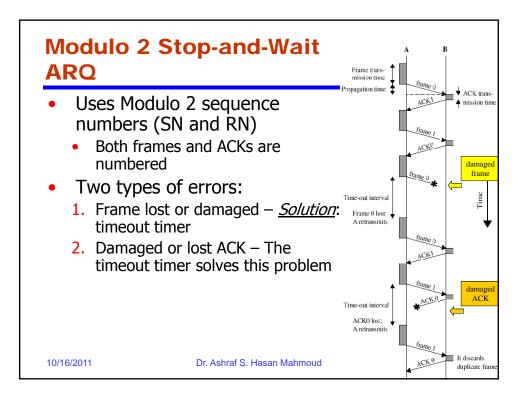


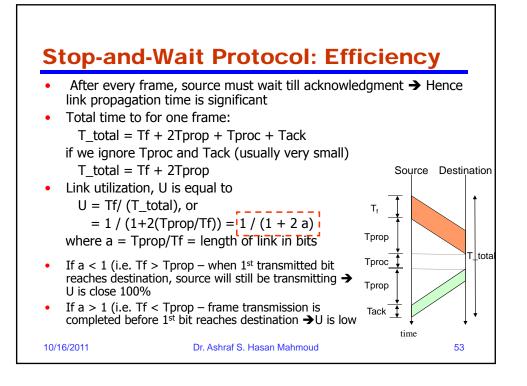


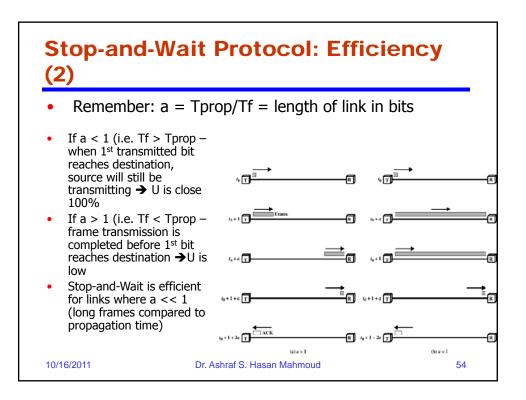


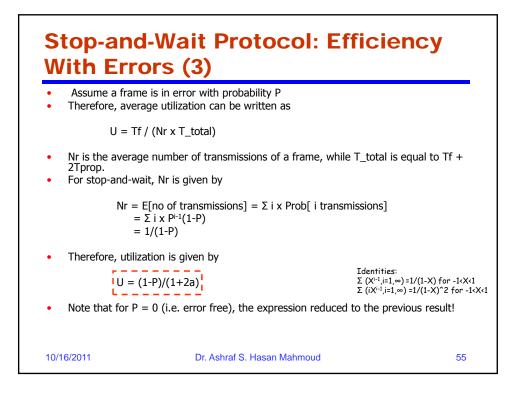


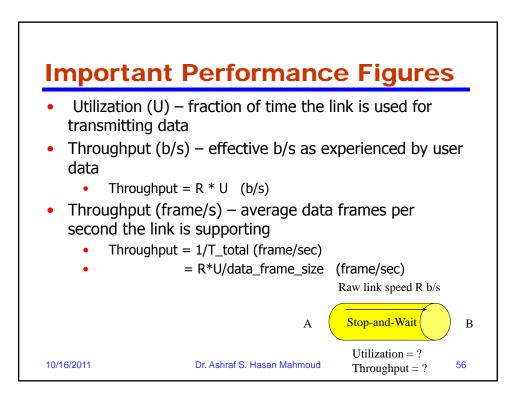


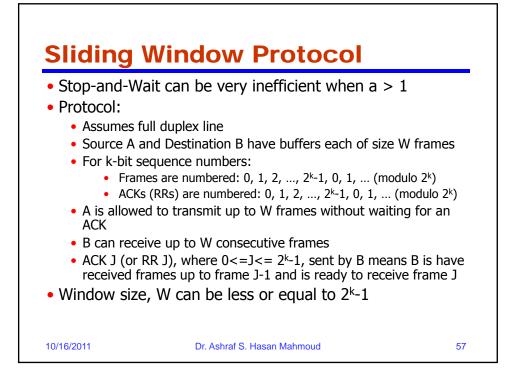


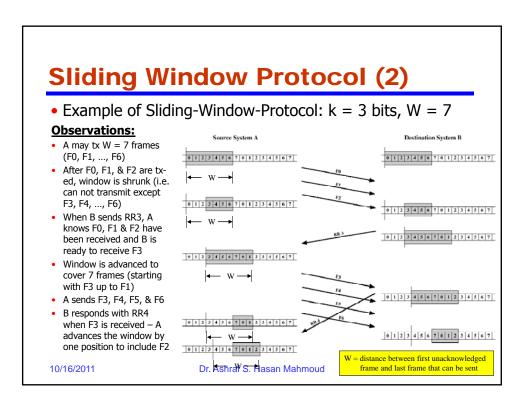


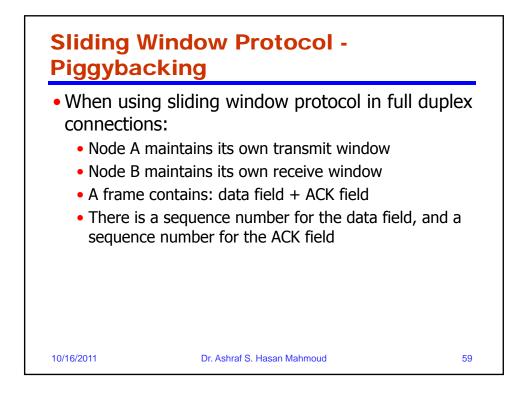


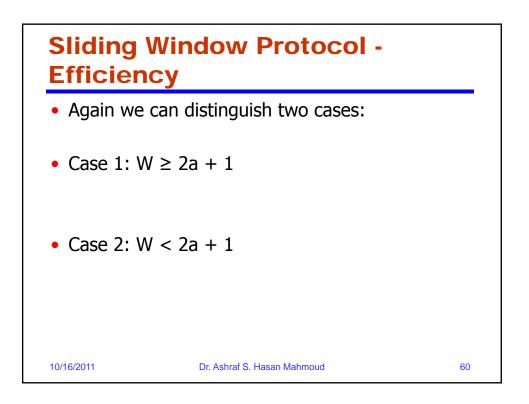


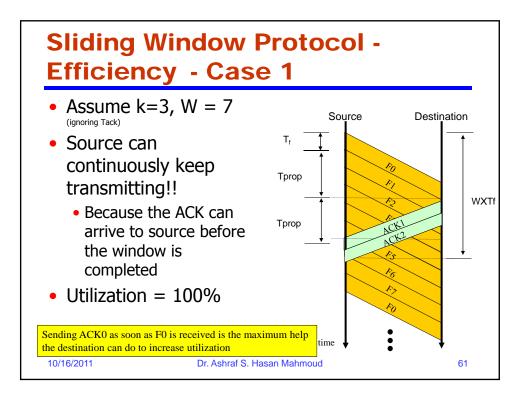


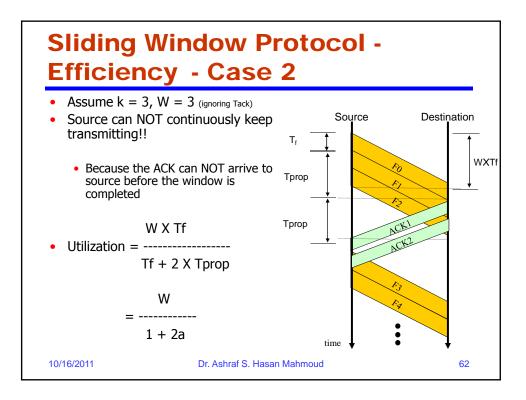


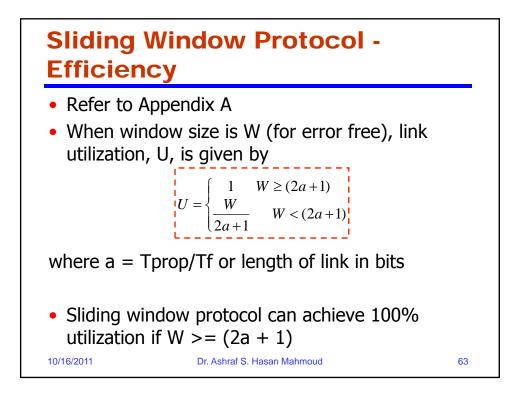


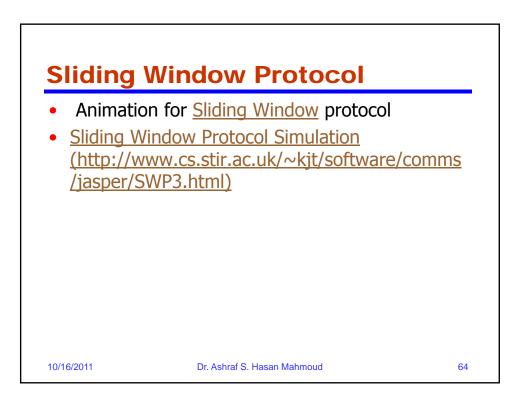


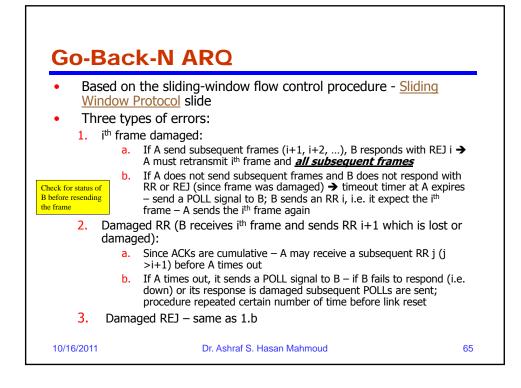


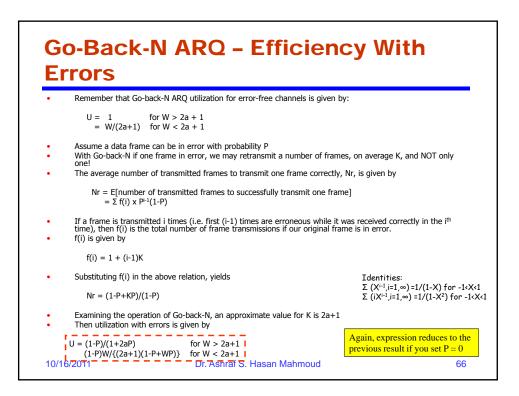


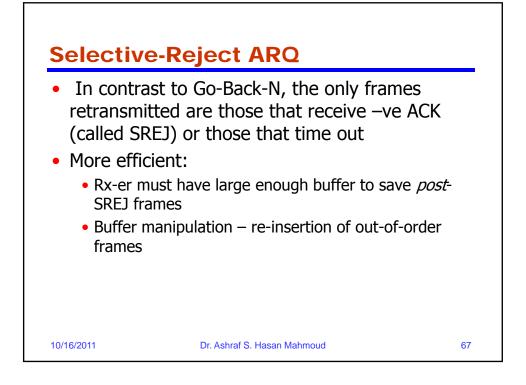


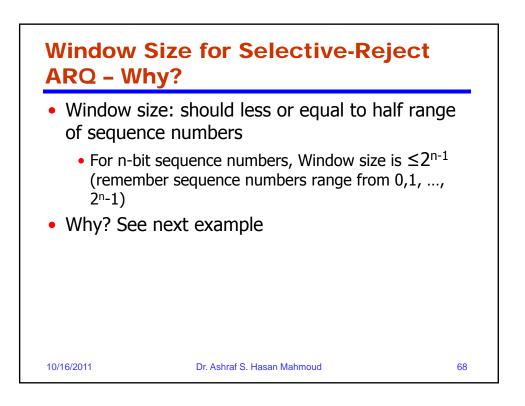


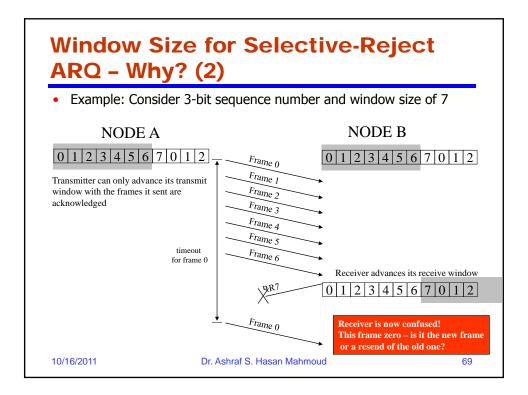


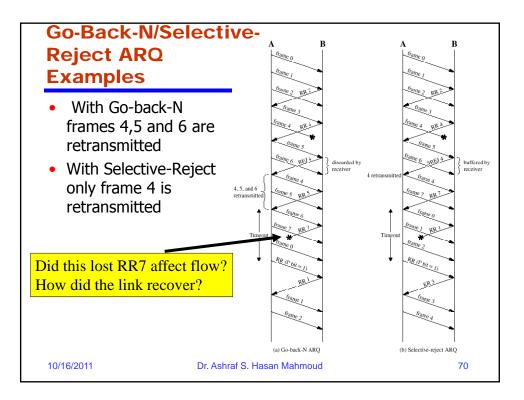


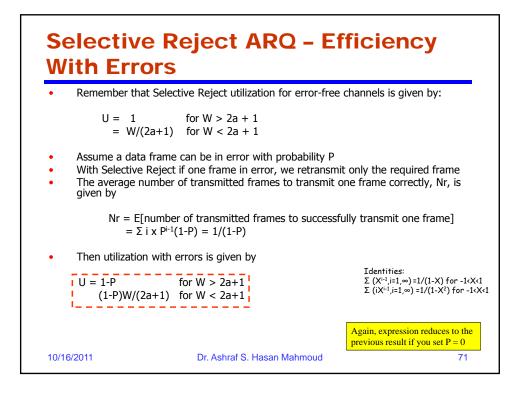


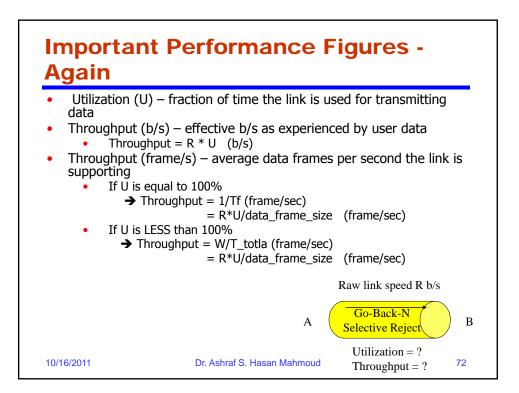


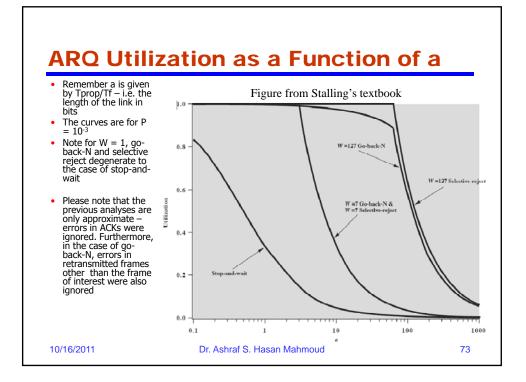


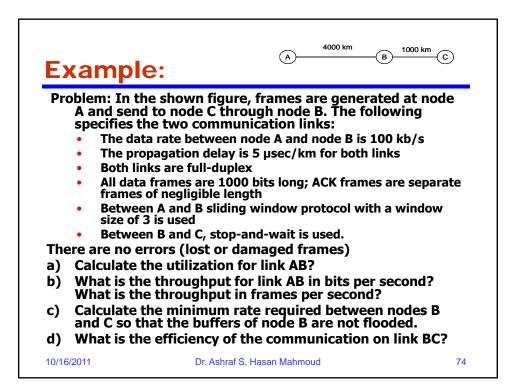


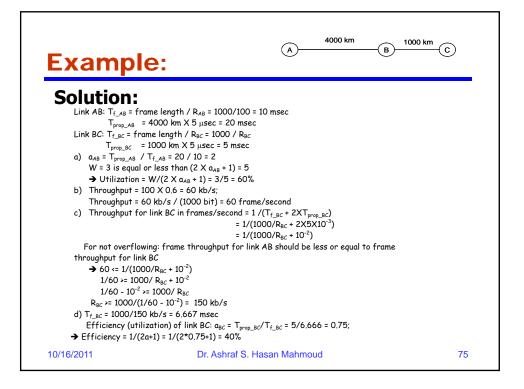


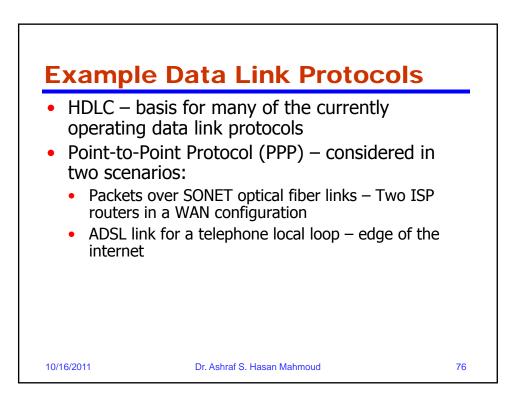


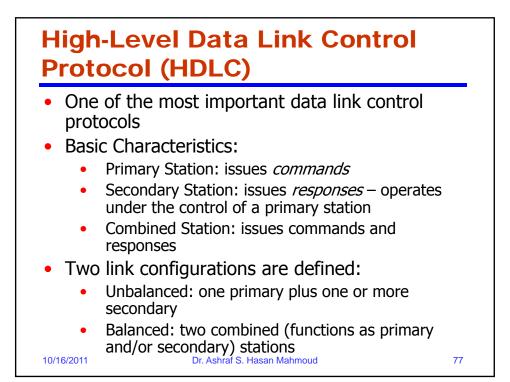


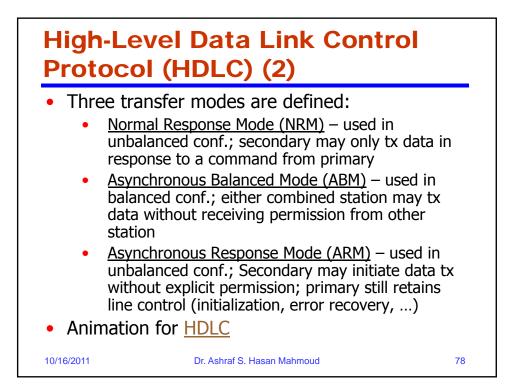


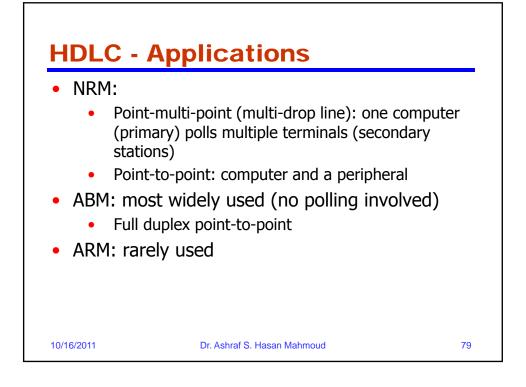


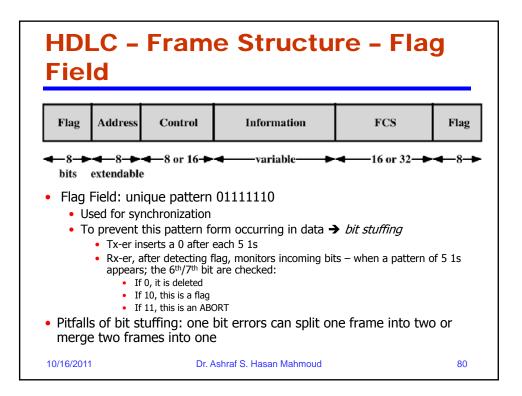


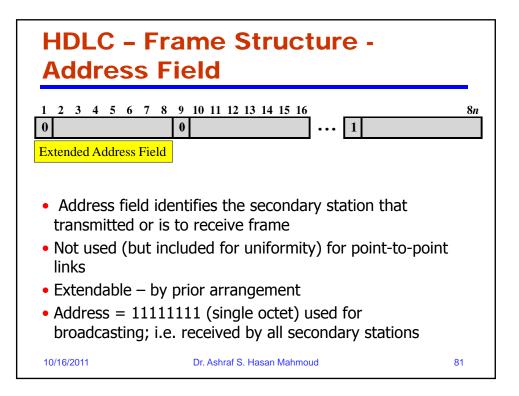


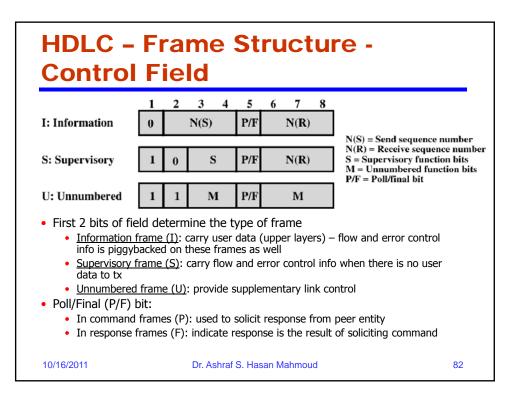


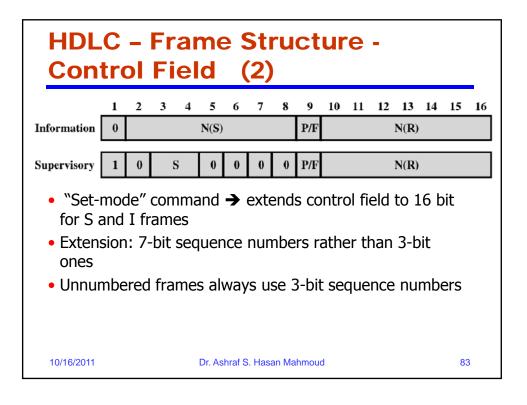


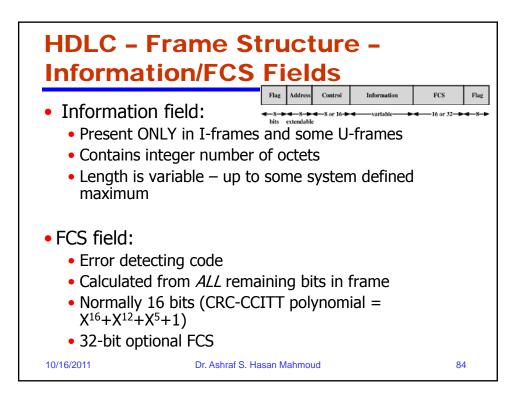


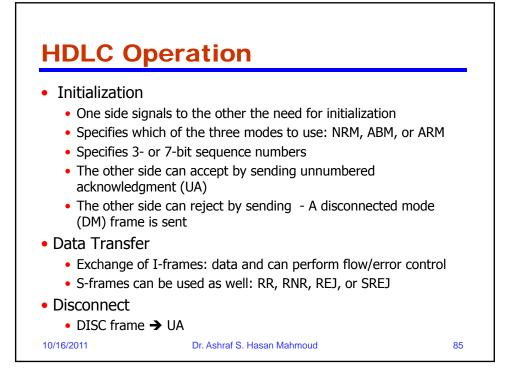


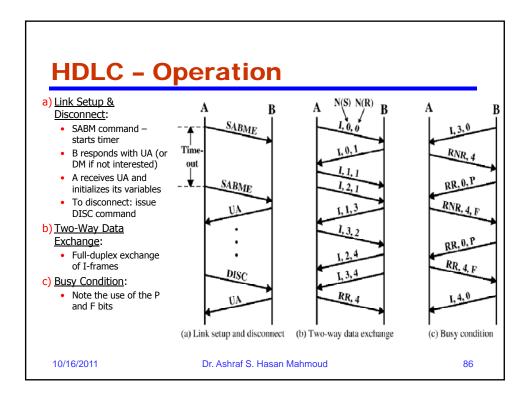


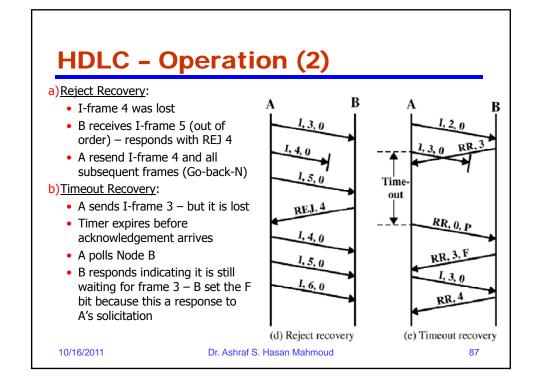


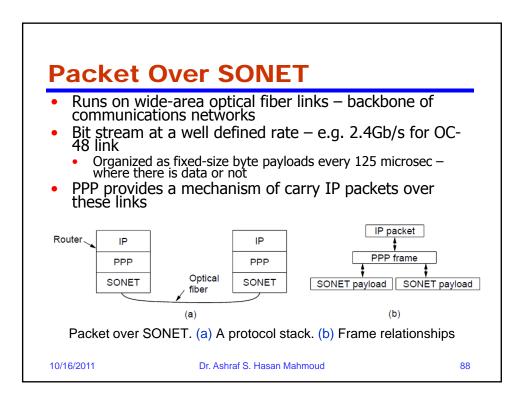


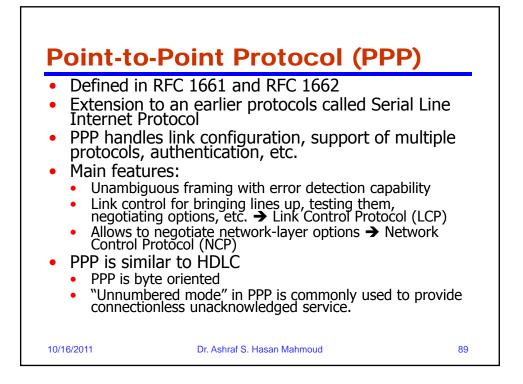












	PP From Flag byte 0x7E	– similar to I	HDLC	ctur	e.				
 Escape character 0x7D for byte stuffing Escaped byte (i.e. the non legitimate flag is XORed with 0x20 resulting flipping the 5th bit) – therefore 0x7E will not appear in the payload Facilitates scanning for start and end of frame If no activity on the link – send flags Address field 0xFF – broadcast Control field Default – 00000011 → unnumbered frame LCP may negotiate to eliminate the address and control fields (if they are constants) Protocol: Code specifying the nature of the payload Codes starting with 0 – IPv4, IPv6, IPX, AppleTalk, etc. Codes starting with 1 – PPP configuration protocols including LCP and different NCP for each network layer protocol supported Payload – variable length to some negotiated maximum sum Default max is 1500 Bytes Checksum – 4 bytes CRC or 2 bytes CRC 									
Bytes	1	1	1	1 or 2	Variable	2 or 4	1		
	Flag 01111110	Address 11111111	Control 00000011	Protocol	Payload	Checksum	Flag 01111110		
	The PPP full frame format for unnumbered mode operation								
10/16/2011Dr. Ashraf S. Hasan Mahmoud					90				

