

Fall 2023 (Edition 8)		
Chapter	#	Excluded Topics
Chapter 1	1.6	Networks Under Attack: Security
	1.7	History
Chapter 2	2.5	Peer-to-Peer File Distribution
	2.6	Video Streaming and CDN
	2.7	Socket Programming: Creating Network Applications
Chapter 3	3.6.1	The Causes and the Cost of Congestion (Congestion Scenarios)
	3.7.2	ECN, Delay based CC
	3.7.3	TCP Fairness
	3.8	Evolution of transport layer functionality (QUIC)
	Others	TCP CUBIC, Macroscopic Description of TCP Reno Throughput, Congested Bottleneck link,
Chapter 4	4.2	What's Inside a Router
Chapter 5	5.4.4	IP-Anycast
	5.4.6	Putting the Pieces together
	5.5.2, 5.5.3 & 5.5.4	OpenFlow Protocol, Data and Control plane Interaction, SDN Past and Future: ODL controller, ONOS Controller
	5.7	Network Management and SNMP, NETCONF/YANG
Chapter 6	6.3.4	DOCSIS
	6.4.4	VLAN
	6.5	Link Virtualization: A Network as a Link Layer: MPLS
	6.6.2	Trends in Data Center Networking