

CPTR 328 Principles of Networking Fall 2026. 10 AM HSC 1105

Date	Reading Assignment	Homework Problems / See Eclass for Quizzes
24-Aug	Introduction	
26-Aug	L01: 1.1-1.3 Protocol, Access Networks, Packet, Circuit	
28-Aug	L02: 1.4 Basic fundamentals of Network Measures/Delay	HW01 (1.1-1.3): 2, 4 (install wireshark on your computer and bring it to class next time.)
31-Aug	L03: 1.5-1.7 Layers	HW02 (1.4): 6, 8, 13, 16, 25
2-Sep	L04: 2.1 Principles of Network Applications	HW03 (1.5-1.7): Complete Wireshark Intro
4-Sep	L05: 2.2 HTTP	
7-Sep	L06: 2.3-2.4 Email and DNS	HW04 (2.2): 4, 5, 10, 11, X
9-Sep	L07: 2.6 Video and Content Distribution Networks	HW05 (2.3-2.4): Problems 15, 17, 18a-e, 19
11-Sep	L08: 2.7 Programming a network application	
14-Sep	L09: 2.7 Programming cont.	
16-Sep	Programming Cont.	
18-Sep	Programming Cont.	
21-Sep	Programming Cont. / Review for Chapter 1-2 Exam	PJ01: Project Proposal Due
23-Sep	Exam 1-2: Chapters 1-2	
25-Sep	L11: 3.1-3.3 Transport, Multiplexing, UDP	HW06: Prog. Assign. #1 - See Template Directions
28-Sep	L12: 3.4 RDT (Long quiz warning)	HW07 (3.2): Problems 2, 3, 4
30-Sep	L13: 3.4 RDT continued	
2-Oct	L14: 3.5 TCP	HW08 (3.4): Problems 9, 12, 15, 21, 23
5-Oct	L15: 3.6 Principles of Congestion Control	HW09 (3.5): Problems 26, 27, 32
7-Oct	L16: 3.7-3.8 TCP Congestion Control & QUIC HTTP/3	
9-Oct	L17: 4.1-4.2	HW10 (3.6-3.7): Problems 38, 40, 57, Wireshark: Exploring TCP-start early, this will take longer!
12-Oct	L18: 4.3 IPv4 Addressing	HW11 (4.1-4.2): 2, 3, 6, 8, 9
14-Oct	L18: 4.3 IPv4 Addressing cont.	
16-Oct	Midterm Break	
19-Oct	L19: 4.3 IPv4/IPv6 Addressing	PJ02: Project Due
21-Oct	Review for Chapter 3	
23-Oct	Exam 3: Chapters 3	
26-Oct	L20: 4.4-4.6 SDN /Middle Boxes / Review / Project Q&I	HW12 (4.3): 11, 12, 14, 15, 17
28-Oct	L21: 5.1-5.2: Introduction and Link State	HW13 (4.4-4.5): 18, 21
30-Oct	L22: 5.2 Distance Vector	
2-Nov	L23: 5.3 OSPF Intra-AS routing	HW14 (5.1+LS): 3, 4 v&z only
4-Nov	L24: 5.4 BGP	HW15 (DV+5.2): 5
6-Nov	Exam 4: Chapter 4	
9-Nov	L25: 5.5 SDN Control Plane	HW16 (5.3-5.4): 14, 15
11-Nov	L26: 5.6 - 5.7 ICMP, SNMP, NETCONF/YANG	HW17 (5.5): R14, R16
13-Nov	L27: 6.1-6.2	HW18 (5.6-5.7): 22
16-Nov	L28: 6.3 Multiple Access Links/Protocols	HW19 (6.1-6.2): 1, 2, 5, 6
18-Nov	L29: 6.3 Cont.	
20-Nov	L30: 6.4 Switched Local Area Networks	HW20 (6.3): 12, 17
23-Nov	Thanksgiving Break	
25-Nov	Thanksgiving Break	
27-Nov	Thanksgiving Break	
30-Nov	L31: 6.5 Link Virtualization	HW21 (6.4): 23, 24, 26
2-Dec	L32: 6.6 Datacenter Networking	
4-Dec	L33: 6.7 Retrospective	HW22 (6.5-6.6): 28, 32
7-Dec	Exam 5-6: Chapters 5-6	
9-Dec	L34: 7.X WiFi Architecture and Management	HW23: Wireshark (802.11)
11-Dec	Review for Final + Inclass WiFi Exercise (TBA)	
16-Dec	Final Exam (2026-12-16 @ 10 AM HSC 1105 - See the official schedule for times and policy in case of changes.	