

INFO-1400 Networking Essentials, William A Loring														
		Pre class work		In class work		After class work			Points	In class hours	Out of class hours	Total	Weekly total	
		Qty	Assignment	min.	Assignment	min.	Assignment	min.						
Week 1	Chapter 1 Introduction to Networking				In Person & Online Classroom	120	Getting Started Activities	30		2.40	0.60	3.00		
	30	Read Chapter 1	19	94.74	Getting Started Discussion	15	Getting Started Quiz	15	16	0.30	2.19	2.49		
							Professional Communication	30	20	-	0.60	0.60		
							Network+ Pre Assessment	30	60	-	0.60	0.60		
							Ninja Notes	30	20	-	0.60	0.60		
							Lab 1-1 Create Password Manager Account	15	20	-	0.30	0.30		
							Lab 1-2 Smartphone Networking	15	20	-	0.30	0.30		
										-	-	-		
										-	-	-		
Week 2	Chapter 1 Introduction to Networking				In Person & Online Classroom	120	Ninja Notes	30	20	2.40	0.60	3.00		
	30	Read Chapter 2	19	94.74			Windows 11 Virtualization	60	20	-	3.09	3.09		
							Lab Simulation 2-1 Install and Use Wireshark	30	30	-	0.60	0.60		
							Lab Simulation 2-2 Zenmap (nmap)	30	30	-	0.60	0.60		
							OSI Model	30	30	-	0.60	0.60		
										-	-	-		
							Getting Started with Packet Tracer	60	40	-	1.20	1.20		
							Chapter 1 Quiz	30	30	-	0.60	0.60		
Week 3	Chapter 2 Infrastructure and Documentation				In Person & Online Classroom	120	Ninja Notes	30	20	2.40	0.60	3.00		
	30	Read Chapter 3	19	94.74	Think Aloud Tutorial	15	Zenmap Enumerate a Network	30	30	0.30	2.49	2.79		
							Wireshark Installation and Use	30	30	-	0.60	0.60		
							NIC Manufacturer Identification	30	20	-	0.60	0.60		
							Network Diagram Creation	45	30	-	0.90	0.90		
							Windows Server Virtualization	90	60	-	1.80	1.80		
							Character-based Names Used on a Network	60	30	-	1.20	1.20		
							Chapter 2 Quiz	30	30	-	0.60	0.60		
Week 4	Chapter 3 Addressing				In Person & Online Classroom	120	Ninja Notes	30	20	2.40	0.60	3.00		
	30	Read Chapter 3	19	94.74						-	1.89	1.89		
							Lab 3-2: DNS Cache	15	15	-	0.30	0.30		
										-	-	-		
							DNS Management	30	20	-	0.60	0.60		
							Wireshark View Ethernet Frames	30	30	-	0.60	0.60		
							Wireshark View Ethernet Frames Quiz	30	40	-	0.60	0.60		
										-	-	-		
							Packet Tracer Routing Between Two Networks	60	40	-	1.20	1.20		
										-	-	-		
Week 5	Chapter 3 Addressing				In Person & Online Classroom	120	Ninja Notes	30	20	2.40	0.60	3.00		
	30	Read Chapter 4	19	94.74	Think Aloud Tutorial	15					0.30	1.89	2.19	
							Kali Linux Virtualization	60	20	-	1.20	1.20		
							Wireshark Decode a TCP Segment	60	60	-	1.20	1.20		
										-	-	-		
							SYN ACK FIN Analysis	30	20	-	0.60	0.60		
							Windows Server Part 1	80	80	-	1.60	1.60		

				Chapter 3 Quiz	30	30	-	0.60	0.60
								-	-
								Total	2.70
								7.69	10.39
								10.39	
Week 6	Chapter 4 Protocols		In Person & Online Classroom	120 Ninja Notes	30	20	2.40	0.60	3.00
	30	Read Chapter 4	19 94.74	Lab 4-1: Repair a Duplicate IP Address	15	15	-	2.19	2.19
				Lab 4-2: Use Remote Desktop Configure Firewall	15	15	-	0.30	0.30
				DNS Testing	20	15	-	0.40	0.40
				Linux TCP/IP Utilities	60	40	-	1.20	1.20
								-	-
				Latency Around the World	15	15	-	0.30	0.30
				Windows Server Part 2	60	80	-	1.20	1.20
				Semester Project Skype and Zoom	60	50	-	1.20	1.20
								-	-
Week 7	Chapter 4 Protocols		In Person & Online Classroom	120 Ninja Notes	30	20	2.40	0.60	3.00
	30	Read Chapter 5	19 94.74	Think Aloud Tutorial	15			0.30	1.89
				Redirect Command Output to a Text File	15	15	-	0.30	0.30
				Packet Tracer Routing	60	40	-	1.20	1.20
								-	-
				Windows Server Part 3	90	120	-	1.80	1.80
				Semester Project Team Charter	60	100	-	1.20	1.20
				Chapter 4 Quiz	30	30	-	0.60	0.60
								Total	2.70
								7.59	10.29
Week 8	Chapter 5 Cabling		In Person & Online Classroom	120 Ninja Notes	30	20	2.40	0.60	3.00
	30	Read Chapter 6	19 94.74	Simulation 5.1: Latency Around the World	30	30	-	2.49	2.49
				Simulation 5.2: Decode a TCP segment in a Wireshark Capture	30	30	-	0.60	0.60
								-	-
				Windows Server Part 4	90	120	-	1.80	1.80
				Semester Project Physical Wiring Map	120	100	-	2.40	2.40
				Chapter 5 Quiz	30	30	-	0.60	0.60
								-	-
								Total	2.40
								8.49	10.89
Week 10	Chapter 6 Wireless Networking		In Person & Online Classroom	120 Ninja Notes	30	20	2.40	0.60	3.00
	30	Read Chapter 7	19 94.74	Think Aloud Tutorial	15	Simulation 6.1: Configure a SOHO Router	30	30	0.30
				Simulation 6-2: Modify SOHO Router Wireless Settings	30	30	-	0.60	0.60
								-	-
				Windows Wireless netsh Commands	30	30	-	0.60	0.60
				Wireless Network Scanning	45	45	-	0.90	0.90
				Nslookup and ARP	15	15	-	0.30	0.30
				Semester Project Logical Network Diagram	60	100	-	1.20	1.20
				Chapter 6 Quiz	30	30	-	0.60	0.60
								Total	2.70
Week 11	Chapter 7 Network Architecture		In Person & Online Classroom	120 Ninja Notes	30	20	2.40	0.60	3.00
	30	Read Chapter 8	19 94.74	Local Admin Password Reset	30		-	1.89	1.89
					30	20	-	0.60	0.60
				7-2 Build a Packet Tracer Network	90	60	-	1.80	1.80
				Semester Project Outline	60	100	-	1.20	1.20
				Chapter 7 Quiz	30	30	-	0.60	0.60
								Total	2.40
								6.69	9.09
								9.09	
12	Chapter 8 Network Segmentation		In Person & Online Classroom	120 Ninja Notes	30	20	2.40	0.60	3.00
	30	Read Chapter 9	19 94.74	Think Aloud Tutorial	15	Simulation 8-1: Test Subnet Boundaries in Packet Tracer	30	50	0.30
				Simulation 8-2: Configure VLANs Using a Switch's GUI	30	30	-	0.60	0.60
				Binary Calculations	15	10	-	0.30	0.30

