Fundamentals of Network

Session No#	Session Mode	Session Details	Week -Day no#	Duration Hrs
1	EL-Async	Understand Networking Fundamentals and Implementation	Before Sync Session	3
2	FC -Sync	Networking Fundamentals and Network Implementations	1-1	3
3	AS -Sync	Assignment 1: 1. Create Network Topologies 2. Explore a Single Location in a Lab 3. Create a Home Wireless Network 4. Create a SOHO Network 5. Troubleshooting Methodology Peer to Peer Review of Assignment 6 Labs	1-2	3
4	FC -Sync	Network Operations	1-3	3
5	AS -Sync	Assignment 2: 1. Explore ARP in Wireshark 2. Configure IP Addresses Practical Assignment: Packet Capture Peer to Peer Review of Assignment 7 Labs	2-4	3
6	EL-Async	• Network Operations • Network Security • Network Troubleshooting	Before Sync Session	3
7	FC -Sync	Network Security	2-5	3
8	AS -Sync	Assignment 3: 1. Configure a DHCP Server 2. Explore APIPA Addressing Practical Assignment: Using Cisco Packet Tracer Peer to Peer Review of Assignment 8 Labs	2-6	3
9	FC -Sync	Network Troubleshooting	3-7	3
10	AS -Sync	Assignment 4: 1. Analyze a DoS Attack 2. Configure a Perimeter Firewall 3. Deploy a Cloud VM Peer to Peer Review of Assignment 9 Labs	3-8	3
11	SA -Sync	Summative Assessment (per learner)	3-9	30 min

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