

Network Pro Schedule & Curriculum

Week	Date	Topics
Week 1	13-Jan	Introduction: Network Pro Overview, Networking Basics (OSI Model, Topologies, Protocols)
Week 2	20-Jan	Cables and Connectors: Twisted Pair, Fiber Optic, Wiring Implementation
Week 3	27-Jan	Networking Devices: Network Adapters, Internetwork Devices
Week 4	3-Feb	Ethernet: Ethernet Specifications, Connect Network Devices, Troubleshoot Physical Connectivity
Week 5	10-Feb	IP Configuration: DHCP, DNS, IP Version 6, Troubleshoot IP Configuration and Communications
Week 6	17-Feb	Switch Management: Switch Access, IP Configuration, VLANs, Trunking, Troubleshoot
Week 7	24-Feb	Routing: Routing Basics, Routing Protocols, Troubleshoot Routing
Week 8	3-Mar	Firewalls: Firewalls Design and Implementation, Security Appliances
Week 9	10-Mar	Network Customization: Network-Based Storage, Virtualization, Cloud Computing
Week 10	17-Mar	Wireless Networking: Wireless Standards, Configuration, Design, Security, Troubleshooting
Week 11	24-Mar	Wide Area Networks: WAN Concepts, Internet Connectivity, Remote Access
Week 12	31-Mar	Network Policies and Procedures: Network Design, Risk Management, Security Policies
Week 13	7-Apr	Network Security: Physical Security, Social Engineering, Network Vulnerabilities and Threats
Week 14	14-Apr	Network Hardening: Detection and Prevention, Penetration Testing, Network Hardening
Week 15	21-Apr	Network Management: Update Management, Data Protection, SNMP, Remote Management
Week 16	28-Apr	Network Optimization: Troubleshooting Methodology, Optimization
Week 17	5-May	Practice Exam
Week 18	12-May	Take CompTIA Exam