

Course title: Introduction to Network Administration (ITN)

Duration: 60 hours, 30 lessons

1. Networking Today
2. Basic Switch and End Device Configuration
3. Protocol Models
4. Physical Layer
5. Number Systems
6. Data Link Layer
7. Ethernet Switching
8. Network Layer
9. Address Resolution
10. Basic Router Configuration
11. IPv4 Addressing
12. IPv6 Addressing
13. ICMP
14. Transport Layer
15. Application Layer
16. Network Security Fundamentals
17. Build a Small Network