Company Logo

Information and Technology Institute

https://itechinstitute.org/

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01937003532

Enterprise Networking & SD-WAN & Security Expert

About This Training

This professional training program is designed for students and IT professionals who want to build real-world enterprise networking and cyber security skills used in modern companies, ISPs, banks, software firms, data centers, and multinational organizations.

The course focuses on practical implementation, production-ready concepts, hands-on labs, troubleshooting, security operations, and industry certification preparation.

Students will learn how enterprise infrastructures are designed, secured, managed, and optimized using modern technologies including Cisco Enterprise, Palo Alto, Fortinet, SD-WAN, Data Center Networking, and Security Infrastructure.

Training Mode

- □□ Online Live Training
- □□ Physical Classroom Training
- □□ Hybrid Training
- □□ Corporate Team Training

Course Duration

Track	Duration	Schedule

Regular Professional Track	6 Months	3 Days/Week
Fast Track Bootcamp	3 Months	Intensive
Weekend Professional Batch	8 Months	Friday & Saturday
Corporate Training	Custom	Based on Organization

Curriculum

#	Topic	Description
1	**Networking Fundamentals & CCNA Enterprise**	Topics Covered OSI & TCP/IP Model IPv4 & IPv6 Subnetting & VLSM VLAN, Trunking & Inter-VLAN Routing Static & Dynamic Routing OSPF, EIGRP Basics NAT & PAT ACL Security DHCP, DNS, NTP STP, EtherChannel Wireless Networking Network Troubleshooting Cisco CLI Configuration Practical Labs Enterprise LAN Design Router & Switch Configuration VLAN Deployment OSPF Implementation WAN Connectivity Network Troubleshooting Labs
2	**CCNP Enterprise Advanced Networking**	Topics Covered Advanced OSPF BGP Fundamentals Advanced STP High Availability HSRP, VRRP, GLBP QoS Implementation MPLS Concepts Multicast Networking Network Automation Basics Enterprise Security Concepts Enterprise Labs Multi-site Enterprise Networks Redundancy & Failover Enterprise Routing Design WAN Optimization Performance Monitoring
3	**Enterprise Firewall & Security Engineering**	Technologies Included Palo Alto Firewall FortiGate NSE Cisco Firepower Enterprise Security Policies Topics Covered Firewall Fundamentals Security Zones NAT Policies VPN Configuration IPS/IDS Web Filtering Application Control Threat Protection Security Hardening SSL VPN & IPsec VPN Security Monitoring Hands-on Labs Enterprise Firewall Deployment Site-to-Site VPN Remote Access VPN Security Policy Configuration Attack Mitigation Labs

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#	Topic	Description
4	**SD-WAN & Modern Enterprise WAN**	Topics Covered SD-WAN Fundamentals Traditional WAN vs SD-WAN SD-WAN Architecture Centralized Management Traffic Engineering WAN Optimization Secure Branch Connectivity Cloud Integration Labs SD-WAN Deployment Branch Connectivity WAN Failover Traffic Prioritization
5	**Data Center Networking & Cisco ACI**	Topics Covered Data Center Architecture Spine-Leaf Design VXLAN Basics EVPN Concepts Cisco ACI Fundamentals Virtualization Networking Data Center Security High Availability Design Practical Labs VXLAN Configuration ACI Fabric Overview Data Center Segmentation
6	**Cyber Security Operations & Defense**	Topics Covered Security Fundamentals SOC Operations Threat Detection Incident Response SIEM Basics Endpoint Security Network Security Monitoring Ethical Security Practices Security Best Practices Vulnerability Assessment Concepts Practical Sessions Log Analysis Threat Monitoring Security Incident Handling Security Audit Basics
7	**Career Development & Interview Preparation**	Included Support CV/Resume Guidance LinkedIn Optimization Mock Interviews Technical Interview Questions Real Job Scenario Discussion Career Roadmap Planning Freelancing & Remote Career Guidance LAB Facilities Real Enterprise Topologies GNS3 / EVE-NG Labs Cisco & Fortinet Simulation Enterprise Security Scenarios Live Troubleshooting Sessions Real Configuration Practice

Fees

Regular: Tk. 48,000.00

Current: **Tk. 36,000.00**

Company Information

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