



Smoothstack Candidates undertake a hands-on course that fully prepares them with the technical skills required to protect digital environments.

The course is laser-focused on fundamental cybersecurity methods, but also practical application - we empower candidates to analyze and solve real-world scenarios.

Cybersecurity Curriculum

Linux Operating Systems & Administration

- Linux file system
- Linux Bash shell
- Linux file management utilities
- Linux process creation
- Common Linux filters
- Networking tools including ssh, scp, and sftp

Network & Packet Analysis

- TCP/IP Review
- The Protocols
- tcpdump
- Wireshark

Certifications:

- CompTia A+
- CompTia Net+
- CompTia Sec+
- Cisco CCNA Cyber Ops
- CEH
- PenTest+
- CySA+

Vulnerability and Threat Management

- Install and configure Windows OS
- Hardware & architecture
- Virtualization
- TCP/IP
- Registry and Event Logs
- Nmap
- Metasploit
- Kali Linux
- Nessus
- Snort
- Splunk
- BigFix
- Open source information gathering
- Legal issues of penetration testing
- Fingerprinting, Footprinting, scanning and enumeration
- Exploiting hosts/devices
- Log manipulation
- Implants
- Data exfiltration
- Trusted networks
- Passwords, reuse and cracking
- Public-facing networks vs. intranets
- Armitage
- Keyloggers and sniffers
- Anonymity

