



AMA COMPUTER ACADEMY KLIC CYBER SECURITY



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KLIC Cyber Security (60 hours)

Removing Viruses and Malwares

- Basics of Networking
- Overview of Computer Viruses
- Rootkits
- Botnets
- Ransomware
- Using Antivirus Software
- Adwares and Spywares
- Antispam Technologies
- Installing Free Antivirus and Scanning the PC
- Installing Free Antispyware and scanning Pc for Adware and Spywares

Securing Operating system and LAN

- Securing Personal computers and Operating Systems
- Patch Management
- Patch Deployment and verification
- Installing and configuring Open Source Firewall
- Firewalls
- Proxy server
- Routers
- Configuring Windows Firewall
- Overview of IPS and IDS
- Network load balancers
- Securing Servers - Server Hardening
- Windows Server Hardening

Securing Wi-Fi Network

- WEP, WPA and WPA2
- MAC Address Filtering

Network Access Security

- Authentication and Encryption
- Network Address Translation
- Secure Remote Access
- Secure Remote Access - Configuring VPN in Windows 7

Cyber Attacks

- Common Cyber Attack
- Phishing and Spoofing attacks
- Social Engineering
- Man in the Middle Attack
- Denial of Service Attack
- Using network packet capturing tool
- Ethical Hacking
- Foot printing



- Open Source Security Scanning tools like NMAP
- Using Kali Linux for exploring various Ethical Hacking Tools

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