Silotech Academy

ROCHESTON®

RCT

Rocheston

CyberTech

Professional

Course Description:

The Rocheston CyberTech Professional course equips participants with critical knowledge and advanced skills in cybersecurity, network security, and IT infrastructure management. This comprehensive course is ideal for IT professionals who want to strengthen their knowledge base and stay updated on the latest developments in the field of cybersecurity.

The course begins with an introduction to Linux fundamentals, where participants gain an understanding of the Linux operating system and its applications in cybersecurity. Following this, the course delves into network security principles and protocols, including TCP/IP, VPNs, firewalls, and intrusion detection systems.

Participants will be exposed to various cybersecurity terminology and concepts, as well as industry-standard frameworks such as NIST, ISO, and CIS. The course also delves into advanced networking topics, including managing routing, switching, wireless technologies, and network sniffing.

The course then shifts focus to hands-on labs, covering essential cybersecurity domains such as information gathering, vulnerability assessment, risk assessment, web application security, and extreme hacking. The hands-on approach ensures that candidates acquire practical skills in identifying and exploiting vulnerabilities in IT systems.

https://www.silotech-academy.com/rocheston

Silotech Academy

ROCHESTON®

Other key topics covered include password management, firewalls and IDS, cryptography, and management of web servers, MySQL databases, LDAP, SMTP, mail servers, and SNMP. The course further explores wireless technologies, DevSecOps, and cloud security, providing a holistic understanding of the cybersecurity ecosystem.

The final module equips participants with the necessary skills to manage incidents efficiently and employ computer forensics to mitigate potential cyber threats. Overall, the Rocheston CyberTech Professional course is a complete package for IT professionals looking to broaden and strengthen their cybersecurity skills with industry-specific knowledge and hands-on experience.

Topics Covered:

RCT provides participants with an in-depth understanding of cyber security concepts, tools, and techniques. Participants can learn from experienced instructors, receive hands-on instruction, and gain firsthand experience with the latest cyber security tools.

RCT also covers a range of topics, from the basics of cyber security to more advanced topics such as malware prevention and incident response.

Module 00 - Introduction

Module 01 - Linux Fundamentals

Module 02 - Network Security Principles and Protocols

Module 03 - Cybersecurity Terminology and Concepts

Module 04 - Cybersecurity Frameworks and Standards

Module 05 - Advanced Networking

Module 06 - Information Gathering

Module 07 - Vulnerability Assessment

Module 08 - Risk Assessment

Module 09 - Web Application Security

Module 10 - Extreme Hacking

Module 11 - Network Sniffing

Module 12 - Password Management

Module 13 - Firewalls and IDS

Module 14 - Cryptography

Module 15 - Managing Web Servers

Module 16 - Managing Mysql Databases

Module 17 - LDAP, SMTP, Mail Servers and SNMP

Module 18 - Wireless Technologies

Module 19 - Devsecops and Cloud Security

Module 20 - Incident Response and Forensics

https://www.silotech-academy.com/rocheston