CYBER OPERATION (CYBER SECURITY)

Synopsis

The Understanding Cisco Cybersecurity Operations Fundamentals (CBROPS) v1.0 course teaches you security concepts, common network and application operations and attacks, and the types of data needed to investigate security incidents. This course teaches you how to monitor alerts and breaches, and how to understand and follow established procedures for response to alerts converted to incidents. Through a combination of lecture, hands-on labs, and self-study, you will learn the essential skills, concepts, and technologies to be a contributing member of a cybersecurity operations center (SOC) including understanding the IT infrastructure, operations, and vulnerabilities. This course helps you prepare for the Cisco Certified CyberOps Associate certification and the role of a Junior or Entry-level cybersecurity operations analyst in a SOC.

Learning Outcomes

- Expert in Cyber Defence and Cyber Attack
- After Completion Certificate will issue by Cisco Network Academy & UPNM Certificate
- Get 40-50% voucher discount from Cisco Network Academy to seat for Industry Professional Certificate.

Duration

3 days

Target Participant

ATM, CSM, Police, Public sector and Private Sector

Admission Requirement

Background basic must have IT platform

Course Fee

RM1,500.00

Topics Covered

- Defining the Security Operations Center
- Understanding Network Infrastructure and Network Security Monitoring Tools
- Exploring Data Type Categories
- Understanding Basic Cryptography Concepts
- Understanding Common TCP/IP Attacks
- Understanding Endpoint Security Technologies
- Understanding Incident Analysis in a Threat-Centric SOC
- Identifying Resources for Hunting Cyber Threats
- Understanding Event Correlation and Normalization
- Identifying Common Attack Vectors
- Identifying Malicious Activity
- Identifying Patterns of Suspicious Behavior
- Conducting Security Incident Investigations
- Using a Playbook Model to Organize Security Monitoring
- Understanding SOC Metrics
- Understanding SOC Workflow and Automation
- Describing Incident Response
- Understanding the Use of VERIS
- Understanding Windows Operating System Basics

NDUM Institute of Executive Education (NIEEd)
11th Floor, Bestari Building
National Defence University of Malaysia
Kem Perdana Sg. Besi
57000 Kuala Lumpur
Email: pengarah.nieed@upnm.edu.my
Tel: 03-90513400 ext: 7621070 / 7621091 / 3549
www.upnm.edu.my