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E-HOOYIA

Comprehensive Mastery of Cybersecurity

Presented by:
Hooyia

+237 691435485
+237 697907096
e-hooyia.com
Bafoussam, Cameroon
contact@e-hooyia.com

Module 6: Comprehensive Mastery of Cybersecurity (Global Module)

Course Overview

This is the capstone of the entire professional training program. Its primary objective is to synthesize the knowledge gained from all previous modules, providing a complete and transversal vision of the cybersecurity landscape. This module is designed to bridge the gaps between offensive and defensive teams, between technical and strategic roles, and between theory and practice. The curriculum is built around practical, real-world simulations and case studies that force participants to integrate all disciplines. By including preparation for internationally recognized certifications, the program is not just providing knowledge but is explicitly offering a pathway to professional credibility and career advancement. This demonstrates a deep understanding of the professional market, where certifications are often a prerequisite for employment and a key to career progression.

Targeted Audience

This module is intended for all participants who have completed the preceding five modules and wish to solidify their knowledge and prepare for a career in cybersecurity. It is also suitable for experienced professionals seeking a comprehensive refresher or preparing for high-level industry certifications.

Module Objectives

Upon successful completion of this module, participants will be able to:

- Synthesize knowledge from offensive, defensive, governance, engineering, and intelligence disciplines to develop a 360-degree approach to security management.[1]
- Understand and apply the synergistic approach of integrating offensive and defensive teams for improved security posture.[1]
- Perform comprehensive security audits of an information system and create robust security policies from a holistic perspective.[1]
- Engage in advanced practical scenarios, including end-to-end attack and response simulations and digital investigations.[1]
- Be well-prepared to sit for and pass major international cybersecurity certifications, including CEH, OSCP, CISSP, ISO 27001, and CompTIA Security+.[1]

Course Structure

The module is structured to facilitate integration and practical application through a series of key themes and a culminating project.

- **Theme 1: Integrated Cybersecurity Methodology**
  - A deep dive into the synergistic relationship between offensive, defensive, GRC, engineering, and intelligence methodologies.
  - Exploration of the "Purple Team" concept and its benefits for an organization's security maturity.
- **Theme 2: Security Management from Strategy to Operations**
  - Discussion of security management from a high-level strategic perspective down to the day-to-day operational activities.
  - Case studies on how to implement security policies and practices across an enterprise.
- **Theme 3: Practical Scenarios and Capstone Projects**
  - Hands-on attack and response simulations that require participants to utilize skills from multiple modules.
  - A complete audit of a simulated information system (IS), from initial reconnaissance to final reporting.

- **Theme 4: International Certification Preparation**
  - Dedicated sessions focused on reviewing concepts and practical skills required for key industry certifications.
  - A comprehensive final assessment to evaluate overall program mastery.