

PROFESSIONAL LEVEL 07 QUALIFICATION

DIPLOMA IN CYBER SECURITY

Dubai, UAE | Al Rigga Campus



PROGRAM OVERVIEW

Cyber Security is the practice of protecting computers, networks and data from cyber attacks, threats and unauthorised access. This diploma gives you hands-on experience in ethical hacking, threat analysis, risk management and digital security - preparing you for a rewarding career safeguarding the digital world.

QUALIFICATION

Professional Level 07
Diploma

ACADEMIC ALLIANCE

Kennedy University Florida

CAMPUS

Al Rigga, Dubai

INCLUDES

Internship & Experience
Letter

Program Highlights

- Direct access to live, simulated threat scenarios
- High focus on defensive and offensive methodologies
- Practice-based labs using industry tools
- Direct, dedicated career-readiness placement support

Who Should Enroll?

- Aspiring Cyber Security Analysts and IT professionals
- Students pursuing ethical hacking and forensics
- System administrators moving into cyber security
- Tech enthusiasts passionate about digital defence

Enquire today: +971 56 202 9777 | info@nucleustraininginstitute.com

Rigorous, industry-aligned training in cyber defence. Every module pairs security theory with structured system labs to build deployable skills.

01 **MODULE 1** Network Security & Cryptography

- Symmetric & Asymmetric Cryptography
- Firewall Configuration Rules
- IDS / IPS Deployment Frameworks
- VPN Architectures & Protocols
- Network Architecture Vulnerabilities

02 **MODULE 2** Ethical Hacking & Threat Analysis

- Reconnaissance & Footprinting
- Network Scanning Methodologies
- Vulnerability Assessment Workflows
- System Exploitation Techniques
- OWASP Top 10 Web Vulnerabilities

03 **MODULE 3** Malware Protection & Risk Management

- Ransomware, Trojans & Worms
- Anti-malware Signature Analysis
- Behavioural Sandboxing Systems
- Quantitative Risk Appraisals
- Business Continuity Planning (BCP)

04 **MODULE 4** Cybersecurity Frameworks & Incident Response

- NIST Cybersecurity Framework
- ISO 27001 Security Standard
- Incident Response Lifecycles
- Breach Evidence Containment
- Digital Forensics Foundations

05 **MODULE 5** Hands-on Security Labs

- Nmap Network Port Scanning
- Wireshark Packet Analysis
- Kali Linux Vulnerability Assessment
- Metasploit Exploit Demos
- Firewall Rule Implementation Labs

CAREER PATHWAYS

Cyber Security Analyst

Evaluating system vulnerabilities and monitoring network traffic.

Ethical Hacker

Running simulated attacks to evaluate and strengthen defences.

Network Security Specialist

Managing secure firewalls, VPN tunnels and system access.

Security Consultant

Advising organisations on compliance and threat architecture.

WHAT YOU RECEIVE

Professional Diploma

Kennedy University Florida

Official Transcript

Program credits & course hours

Experience Letter

Internship proof from NTI

Visa & Housing Support

Optional, subject to T&C

Admissions Open - Reserve Your Seat Today

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