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**Course Name**

# Certified Incident Handler (CIH)

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**Sector Name**

Information Technology

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## Certified Incident Handler (CIH)

### Course Introduction

The **Certified Incident Handler (CIH)** program is designed to equip professionals with the core competencies to detect, respond to, and mitigate cyber incidents across a range of environments.

In a world of escalating cyber threats, incident handling is no longer a luxury, it's a necessity. This intensive, hands-on course empowers participants with the latest methodologies in handling network intrusions, data breaches, ransomware, and advanced persistent threats (APTs).

Through real-world case studies, frameworks, and simulation exercises, learners gain the confidence to manage incident lifecycles and reduce business risks with professionalism and speed.

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## Certified Incident Handler (CIH)

### Target Audience

- ✓ Incident Response Team Members and Managers
- ✓ Security Operations Center (SOC) Analysts
- ✓ Cybersecurity Engineers and Consultants
- ✓ Network Administrators and Security Architects
- ✓ Risk Management and IT Compliance Professionals
- ✓ Forensics and Threat Intelligence Analysts

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## Certified Incident Handler (CIH)

### Learning Objectives

- ✓ Understand the principles, phases, and frameworks of incident handling
- ✓ Recognize types and categories of cybersecurity incidents
- ✓ Prepare and implement an Incident Response Plan (IRP)
- ✓ Investigate and contain malware, insider threats, and DoS/DDoS attacks
- ✓ Apply forensic techniques in evidence collection and analysis
- ✓ Coordinate post-incident recovery, documentation, and lessons learned
- ✓ Communicate with internal/external stakeholders effectively during incidents

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## Certified Incident Handler (CIH)

### Course Outline

#### ✓ DAY 01

##### Introduction to Incident Handling & Response Frameworks

- ✓ Understanding incident types and classification
- ✓ Cyber threat landscape: threats, actors, vectors
- ✓ Legal and ethical considerations
- ✓ Incident response frameworks: NIST, ISO, SANS PICERL
- ✓ Building a Computer Security Incident Response Team (CSIRT)

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### Course Outline

#### ✓ Day 02

##### Preparation & Detection

- ✓ Crafting an Incident Response Plan (IRP)
- ✓ Asset identification and risk prioritization
- ✓ SIEM and log correlation basics
- ✓ Indicators of Compromise (IoCs) and Indicators of Attack (IoAs)
- ✓ Threat detection and early warning systems

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### Course Outline

#### ✓ Day 03

##### **Containment, Eradication, and Recovery**

- ✓ Incident containment strategies (short-term & long-term)
- ✓ Malware containment and remediation workflows
- ✓ Root cause analysis and attack vector tracing
- ✓ Restoring systems and ensuring clean recovery
- ✓ Managing cloud and hybrid environment incidents

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### Course Outline

#### ✓ Day 04

##### **Digital Forensics & Investigation**

- ✓ Introduction to digital evidence and forensic procedures
- ✓ Live system and memory acquisition
- ✓ Disk and file system forensics
- ✓ Evidence chain of custody and preservation
- ✓ Hands-on case analysis and artifact interpretation

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### Course Outline

#### ✓ Day 05

##### **Post-Incident Handling and Capstone Exercise**

- ✓ Reporting, documentation, and audit readiness
- ✓ Conducting post-mortem and lessons-learned workshops
- ✓ Communication strategy during and after incidents
- ✓ Hands-on simulated cyber incident (end-to-end response)
- ✓ Final assessment and feedback

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## Certified Incident Handler (CIH)

### Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
July 20, 2026	July 24, 2026	5 days	4950.00 \$	England , London
Dec. 13, 2026	Dec. 17, 2026	5 days	4250.00 \$	KSA , Riyadh
Jan. 25, 2027	Jan. 29, 2027	5 days	4250.00 \$	UAE , Dubai
April 12, 2027	April 16, 2027	5 days	4250.00 \$	UAE , Abu Dhabi

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