



*Training Course:  
Cybersecurity & Digital Forensics*

*23 - 27 September 2024  
Cape Town (South Africa)  
DoubleTree by Hilton Cape Town - Upper Eastside*

## Training Course: Cybersecurity & Digital Forensics

Training Course code: IT234648 From: 23 - 27 September 2024 Venue: Cape Town (South Africa) - DoubleTree by Hilton Cape Town - Upper Eastside Training Course Fees: 6545 € Euro

### Introduction

The **Cybersecurity & Digital Forensics** is for you if you believe that the online world should be kept secure, and you want to play a part.

Put a stop to financial scams, data breaches, computer hacking, virus attacks, and identity thefts. This interdisciplinary course prepares you for a career in cybersecurity, where you can actively prevent cyberattacks and help organizations protect their networks and data. Learn the core concepts and critical issues in cybersecurity and digital forensics, as well as how to implement effective solutions.

### Course Objectives of Cybersecurity & Digital Forensics

- Use suitable cybersecurity tools and solutions to protect and defend IT infrastructure against cyber-attacks and network intrusions.
- Develop competencies in cybersecurity and advanced digital forensic techniques to perform incident response and real-time forensics analysis in security breaches and incidents.
- Look forward to exciting career opportunities in various industries, where you will create and execute effective solutions for cybersecurity.

### Target Audience of Cybersecurity & Digital Forensics

The persons that can attend the course the workers in sectors such as financial services, telecommunications, manufacturing, healthcare, and defense. You can look forward to a rewarding career as a:

- Cybersecurity analyst
- Security penetration tester
- Security operation tester
- Incident/forensics/threat investigator
- Security Engineer/executive

### Course Outlines of Cybersecurity & Digital Forensics

#### Module 1

- App Development Project
- Business Statistics
- Computing Mathematics
- Data Analysis & Visualization
- Digital Business
- Effective Communication Skills
- Fundamentals of Innovation & Enterprise
- General Studies
- Infocomm Security

- Law & Ethics of IT
- Network Technology
- Principles of UX Design
- Programming Essentials
- Web Development

#### Module 2

- Applications Security Project
- Applied Cryptography
- Communication and Personal Branding
- Cyber Forensic Technologies
- Data Structures & Algorithms
- Database Management Systems
- General Studies
- Infosecurity Project
- Infosecurity Standards, Policies & Audit
- Network Security
- Operating Systems & Administration
- Software Engineering
- Systems Security Management

#### Module 3

- Cybersecurity Project
- Final Year Project
- General Studies
- Governance, Risk & Compliance

#### Module 4

##### Cybersecurity Track

- Cloud Computing Security
- Cybersecurity Attack & Defense
- Cybersecurity Operations & Intelligence
- Mobile Security
- Operations Security
- Advanced Cyber Forensic Techniques
- Cyber Forensic Process
- Disaster Recovery & Business Continuity Management
- Malware Analysis

#### Module 5

##### Cross-Disciplinary Elective

- Entrepreneurship
- Foundation of AI
- Robotic Process Automation
- Social Media Analytics

## Registration form on the Training Course: Cybersecurity & Digital Forensics

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....  
Position: .....  
Telephone / Mobile: .....  
Personal E-Mail: .....  
Official E-Mail: .....

### Company Information

Company Name: .....  
Address: .....  
City / Country: .....

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....  
Position: .....  
Telephone / Mobile: .....  
Personal E-Mail: .....  
Official E-Mail: .....

### Payment Method

- Please find enclosed a cheque made payable to Global Horizon
- Please invoice me
- Please invoice my company

### Easy Ways To Register

Telephone:  
+201095004484 to  
provisionally reserve your  
place.

Fax your completed  
registration  
form to: +20233379764

E-mail to us :  
info@gh4t.com  
or training@gh4t.com

Complete & return the  
booking form with cheque  
to: Global Horizon  
3 Oudai street, Aldouki,  
Giza, Giza Governorate,  
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