



*Training Course:
Cybersecurity & Digital Forensics*

*28 April - 2 May 2024
Alexandria (Egypt)*

Training Course: Cybersecurity & Digital Forensics

Training Course code: IT234648 From: 28 April - 2 May 2024 Venue: Alexandria (Egypt) - Training Course Fees: 4345 €

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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