MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

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DIGITAL FORENSICS AND CYBER INVESTIGATIONS

"Uncover, Analyze, and Protect Digital Evidence to Combat Cybercrime."

Schedule

Venue (InHouse)	Fees
At Your Organization Premises	Ask For The Quotation

► **Available delivery methods:** In-House Training

Introduction

As cyber threats and digital crimes continue to rise globally, organizations and law enforcement agencies must develop strong digital forensics and investigation capabilities to uncover, analyze, and prevent malicious activities. Digital forensics is the science of identifying, collecting, examining, and preserving digital evidence from computers, networks, and mobile devices to support legal or internal investigations.

The Digital Forensics and Cyber Investigations course provides comprehensive training on the principles, tools, and methodologies used in digital evidence handling and cybercrime investigations. Participants will learn how to trace digital footprints, recover deleted files, analyze logs, investigate network intrusions, and prepare forensic reports that meet legal standards. Through hands-on lab sessions and real-world case studies, participants will gain the technical and procedural expertise required to conduct professional digital investigations.

Objectives

By the end of this course, participants will be able to:

- Understand the fundamentals of digital forensics and cyber investigations.
- Identify and collect digital evidence while maintaining chain of custody.
- Perform forensic imaging and data recovery from digital media.
- Analyze file systems, logs, and network activity to detect suspicious behavior.
- Investigate cybercrimes such as hacking, phishing, and data breaches.
- Utilize industry-standard forensic tools and techniques.
- Develop forensic reports suitable for legal proceedings.
- Ensure compliance with digital evidence laws and ethical guidelines.

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Why Attend

This course equips IT, cybersecurity, and law enforcement professionals with the practical skills to investigate digital incidents and mitigate cyber threats. Participants will gain hands-on experience in forensic analysis, evidence collection, and reporting procedures essential for maintaining integrity in cyber investigations. Whether you work in cybersecurity, IT auditing, or compliance, this course provides the expertise needed to protect organizational data and respond effectively to cyber incidents.

Target Audience

This course is suitable for:

- Cybersecurity Professionals and IT Security Analysts
- Law Enforcement and Investigation Officers
- Digital Forensics Specialists and Incident Responders
- Network and System Administrators
- Risk Management and Compliance Officers
- IT Auditors and Legal Advisors
- Anyone involved in cyber incident analysis or data breach response

Individual Benefits

- Gain a comprehensive understanding of digital forensics tools and procedures.
- Learn to collect and preserve digital evidence according to legal standards.
- Improve your ability to detect, analyze, and respond to cyber incidents.
- Develop professional competence in forensic analysis and investigation.
- Strengthen your career prospects in cybersecurity and digital investigation roles.
- Acquire skills aligned with international forensic and cybercrime frameworks.

Organizational Benefits

- Enhance internal investigation and cyber incident response capabilities.
- Strengthen data protection and compliance with cybersecurity regulations.
- Reduce risks associated with insider threats and data breaches.
- Improve coordination with legal and law enforcement authorities.
- Protect organizational assets through effective forensic practices.
- Build a security-aware culture that prioritizes digital evidence integrity.

Instructional Methodology

The training emphasizes hands-on learning through:

- Expert-led lectures and technical demonstrations
- Practical labs on forensic imaging, data recovery, and evidence analysis
- Simulated cybercrime investigation scenarios
- Group exercises on network and system forensics
- Case studies from real-world investigations
- Continuous mentoring and feedback sessions

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Course Outline

Module 1: Introduction to Digital Forensics and Cyber Investigations

Module 2: Legal Framework, Ethics, and Chain of Custody

Module 3: Computer Forensics – Data Acquisition and Analysis

Module 4: File System and Operating System Forensics

Module 5: Network Forensics and Intrusion Detection

Module 6: Mobile Device and Cloud Forensics

Module 7: Malware Analysis and Cyber Threat Investigation

Module 8: Data Recovery and Evidence Correlation

Module 9: Reporting and Presenting Forensic Findings

Module 10: Capstone Project – Conducting a Complete Cyber Investigation

Certification

Upon successful completion, participants will receive a Certificate in Digital Forensics and Cyber Investigations, recognizing their proficiency in forensic analysis, evidence handling, and cybercrime investigation techniques. This certification validates the participant’s ability to conduct professional digital investigations and contribute to organizational or legal cybersecurity objectives with integrity and technical excellence.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**