Training Course on Forensic Readiness Planning for Enterprises

Professional Development Training Course Outline

Category	Digital Forensics	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In today's digitally dependent enterprise landscape, cybersecurity threats, data breaches, and regulatory compliance challenges are accelerating the need for forensic readiness planning. Organizations must not only defend their systems but also proactively prepare for digital forensics investigations by establishing protocols that enable the swift collection, preservation, and analysis of digital evidence. Training Course on Forensic Readiness Planning for Enterprises provides a comprehensive guide to equipping enterprises with the tools, policies, and strategies necessary for effective forensic readiness.

This course emphasizes incident response integration, risk management alignment, and compliance readiness to strengthen enterprise resilience. Through practical case studies, expert-led sessions, and hands-on planning exercises, participants will gain critical insights into aligning business objectives with forensic preparedness, optimizing data retention, and mitigating post-breach damage. Whether you're an IT leader, legal counsel, or compliance officer, this course ensures you’re equipped with a proactive forensic posture tailored for today’s enterprise security landscape.

Programme Curriculum

Training Course on Forensic Readiness Planning for Enterprises

Introduction

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Course Objectives

1. Understand the core principles of forensic readiness and digital evidence handling.
2. Learn how to align forensic planning with enterprise cybersecurity policies.
3. Develop incident response strategies that complement forensic procedures.
4. Identify critical data sources for digital evidence collection.
5. Establish legally compliant chain-of-custody protocols.
6. Integrate SIEM tools and logs for forensic readiness.
7. Prepare forensic readiness plans for cloud environments.
8. Implement data retention policies and preservation techniques.
9. Analyze regulatory compliance requirements (e.g., GDPR, HIPAA).
10. Build cross-functional collaboration between legal, IT, and HR teams.
11. Evaluate risks and design controls using cyber risk frameworks.
12. Conduct mock forensic investigations and simulations.
13. Create a sustainable and auditable enterprise forensic readiness program.

Target Audiences

1. Chief Information Security Officers (CISOs)
2. IT Managers & Cybersecurity Teams
3. Legal & Compliance Officers
4. Incident Response Managers
5. Digital Forensic Analysts
6. Risk & Audit Professionals
7. Cloud Security Architects
8. HR & Policy Administrators

Course Duration: 5 days

Course Modules

Module 1: Fundamentals of Forensic Readiness

- Definition and scope of forensic readiness
- Benefits of forensic planning in enterprise settings
- Forensic readiness lifecycle
- Common threats and breach scenarios
- Policies and standards overview (ISO/IEC 27037)
- **Case Study:** Misconfigured Server Logs & Internal Threat Detection

Module 2: Enterprise-Wide Forensic Planning

- Aligning forensic strategy with business goals
- Setting forensic readiness objectives
- Stakeholder engagement and governance
- Developing forensic-friendly IT policies
- Creating enterprise-wide awareness programs
- **Case Study:** Global Retail Company's Post-Breach Audit

Module 3: Legal and Regulatory Compliance

- Legal implications of digital evidence
- GDPR, HIPAA, SOX, and PCI-DSS alignment
- Documentation for legal defensibility
- Data ownership and jurisdictional concerns
- Role of legal counsel in incident response
- **Case Study:** Financial Institution's GDPR Fine Avoidance Strategy

Module 4: Data Sources & Preservation Techniques

- Identifying key forensic data sources
- Best practices for data preservation
- Integrity and validation of collected evidence
- Real-time vs post-incident data capture
- Data mapping and documentation procedures
- **Case Study:** Insider Fraud Investigation in a Healthcare Organization

Module 5: Tools and Technologies for Forensic Readiness

- Integration of SIEM, IDS/IPS, and EDR tools
- Automation of data collection processes
- Logging and monitoring essentials
- Data retention and access controls
- Technology for chain-of-custody tracking
- **Case Study:** Cloud-Based Log Management for a SaaS Enterprise

Module 6: Forensic Readiness in the Cloud

- Challenges in cloud forensic investigations
- Shared responsibility model explained
- Cloud provider SLAs and evidence access
- Preservation of volatile data
- Cloud-native logging and alerting
- **Case Study:** Forensic Readiness in AWS and Azure Environments

Module 7: Integration with Incident Response Plans

- Linking IR and forensic readiness plans
- Incident timeline and documentation
- Playbooks for forensic response
- Cross-functional coordination and communication
- Lessons learned and plan updates
- **Case Study:** Coordinated IR & Forensic Strategy in a Ransomware Attack

Module 8: Building a Sustainable Forensic Readiness Program

- KPIs and metrics for measuring readiness
- Training and awareness programs
- Internal audits and plan reviews
- Reporting structures and dashboards
- Resource allocation and budgeting
- **Case Study:** Multinational Corporation’s 3-Year Forensic Readiness Roadmap

Training Methodology

- Interactive instructor-led workshops

- Real-world case study analysis
- Hands-on group exercises & simulations
- Customizable forensic planning templates
- Live Q&A and peer review sessions

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com