MAWA EVENTS

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

Phone: +601116373203 | **Email:** info@mawaevents.net

IT SECURITY MANAGEMENT IN BANKING & FINANCE

"Protecting Financial Systems Through Robust IT Security Practices"

Schedule

Date	Venue	Fees (Face-to-Face)
08 – 12 Feb 2026	Muscat, Oman	USD 3495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

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Introduction

In the banking and financial sector, information technology is at the heart of all operations, from transactions and payments to data analytics and customer service. As reliance on IT systems grows, so does the threat of cyberattacks, fraud, and system failures, which can severely impact financial stability and trust.

This intensive 5-day course equips participants with practical knowledge and tools to manage IT security risks within banking and financial institutions. The program covers IT security governance, risk assessment, incident management, regulatory compliance, and best practices to protect critical financial systems against internal and external threats.

COURSE OBJECTIVES

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

- Understand the key principles of IT security in banking and finance
- Implement IT security governance frameworks and policies
- Identify, assess, and mitigate IT security risks
- Manage access controls, network security, and data protection
- Develop incident response and disaster recovery strategies
- Ensure compliance with banking regulations and cybersecurity standards
- Build a culture of IT security awareness across the organization

WHY YOU SHOULD ATTEND

- Learn how to protect critical financial systems from cyber threats
- Understand IT security frameworks and regulatory requirements
- Reduce the risk of data breaches, fraud, and operational downtime
- Gain practical tools for risk assessment and incident response
- Enhance IT security governance and compliance within your organization
- Network and exchange insights with IT and risk professionals in banking

TARGET AUDIENCE

This program is designed for:

- IT security managers and officers in banking and finance
- Risk management and compliance professionals
- Internal and external auditors focusing on IT security
- IT operations and network administrators
- Fraud prevention and cybersecurity teams
- Senior managers responsible for information security governance

INDIVIDUAL BENEFITS

Key competencies that will be developed include:

- Understanding of IT security standards and best practices for banking
- Ability to assess, mitigate, and manage IT security risks
- Knowledge of regulatory and compliance requirements
- Skills in incident response, business continuity, and disaster recovery
- Enhanced decision-making and governance capabilities
- Ability to develop IT security policies, procedures, and controls

ORGANIZATIONAL BENEFITS

Upon completing the training course, participants will demonstrate:

- Stronger IT security posture and reduced vulnerability to threats
- Improved compliance with regulatory and cybersecurity standards
- Enhanced operational resilience and business continuity
- Better risk management for financial systems and data
- Increased stakeholder confidence in IT security controls
- A proactive security-aware organizational culture

INSTRUCTIONAL METHODOLOGY

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings – Deep dive into IT security frameworks, governance, and banking compliance
- Case Studies – Real-world examples of IT security breaches and mitigation strategies
- Workshops – Hands-on exercises in risk assessment, access control, and incident response
- Peer Exchange – Group discussions on challenges, best practices, and lessons learned
- Tools – Templates for IT security policies, risk registers, and audit checklists

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Course Outline

Detailed 5-Day Course Outline

Training Hours: 7:30 AM – 3:30 PM Daily Format: 3–4 Learning Modules Coffee Breaks: 09:30 & 11:15 Lunch Buffet: 01:00 – 02:00

Day 1: Introduction to IT Security in Banking & Finance

Module 1: IT Security Fundamentals (07:30 – 09:30)

- Key concepts, threats, and vulnerabilities in financial systems
- Importance of IT security governance

Module 2: Banking & Financial IT Environment (09:45 – 11:15)

- Core banking systems, payment networks, and fintech platforms
- Regulatory and compliance overview

Module 3: Risk Management & Security Policies (11:30 – 01:00)

- Security policies, frameworks, and risk management practices

Module 4: Workshop – Security Policy Assessment (02:00 – 03:30)

Day 2: Access Controls and Network Security

Module 1: Logical Access Management (07:30 – 09:30)

- User access controls and privilege management

Module 2: Network Security & Firewalls (09:45 – 11:15)

- Securing banking networks and critical infrastructure

Module 3: Data Protection & Encryption (11:30 – 01:00)

- Sensitive data handling, encryption, and privacy

Module 4: Workshop – Access Control & Network Risk Assessment (02:00 – 03:30)

Day 3: Threat Management and Incident Response

Module 1: Cyber Threats & Fraud Prevention (07:30 – 09:30)

- Malware, phishing, insider threats, and fraud risks

Module 2: Security Monitoring & Detection (09:45 – 11:15)

- Log analysis, intrusion detection, and anomaly tracking

Module 3: Incident Response & Crisis Management (11:30 – 01:00)

- Incident handling, escalation, and reporting

Module 4: Workshop – Incident Response Simulation (02:00 – 03:30)

Day 4: Regulatory Compliance & Audit Readiness

Module 1: Banking Regulations & Standards (07:30 – 09:30)

- PCI DSS, ISO 27001, GDPR, local banking guidelines

Module 2: IT Security Audits (09:45 – 11:15)

- Planning, execution, and reporting for internal and external audits

Module 3: Business Continuity & Disaster Recovery (11:30 – 01:00)

- BCP/DR planning, testing, and recovery strategies

Module 4: Workshop – Compliance & Audit Checklist (02:00 – 03:30)

Day 5: Strategic IT Security Management

Module 1: Security Governance & Leadership (07:30 – 09:30)

- Roles and responsibilities for IT security management

Module 2: Risk Assessment & Mitigation Strategies (09:45 – 11:15)

- Conducting comprehensive IT security risk assessments

Module 3: Emerging Technologies & Security Challenges (11:30 – 01:00)

- Cloud, fintech, IoT, and AI security considerations

Module 4: Action Planning & Course Review (02:00 – 03:30)

- Developing a practical IT security improvement plan
- Key takeaways and Q&A

Certification

Participants will receive a Certificate of Completion in IT Security Management in Banking & Finance, validating their knowledge and competence in protecting financial systems, managing IT security risks, and ensuring compliance with global standards and regulatory requirements.

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**

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