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 IN BANKING & FINANCE

"Safeguarding Digital Assets and Ensuring Regulatory Compliance in Financial Services."

Schedule

Venue	Fees
In-House	ASK FOR THE QUOTATION

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

Introduction

The financial sector is a prime target for cyber threats due to its sensitive data and critical infrastructure. This course provides banking and finance professionals with essential knowledge of IT security principles, cyber risk management, and regulatory requirements. It combines strategic and technical insights to help institutions build resilient systems, ensure compliance with financial regulations, and maintain customer trust in the face of evolving threats.

Objectives

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

- Understand the cyber threat landscape in banking and finance
- Implement IT security best practices in financial operations
- Manage compliance with banking regulations (e.g., Basel III, GDPR, PCI DSS)
- Align cybersecurity strategy with business continuity goals
- Respond effectively to incidents and breaches

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Why Attend

This course equips banking professionals to take proactive roles in cybersecurity, balancing technical defense mechanisms with governance, compliance, and operational continuity.

Target Audience

- Bank and financial services IT managers
- Risk and compliance officers
- Information security officers
- Operations managers
- Fintech and digital banking leaders

Individual Benefits

- Gain deep insight into financial cybersecurity risks
- Learn how to identify and mitigate threats to banking systems
- Stay current with international compliance requirements
- Improve decision-making in technology security planning

Organizational Benefits

- Improve institutional cyber defense posture
- Reduce risk of financial loss and data breaches
- Enhance regulatory audit readiness
- Strengthen customer confidence in digital services

Instructional Methodology

- Expert-led case studies from global banking incidents
- Cyber threat simulations and breach response scenarios
- Hands-on planning for compliance and security audits
- Interactive policy workshops

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Course Outline

DETAILED 5-DAY COURSE OUTLINE (CUSTOMIZABLE)

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: Cybersecurity Fundamentals in Banking

Module 1: Digital Transformation in Finance & Cybersecurity Impacts (07:30 – 09:30)

Module 2: Types of Threats: Ransomware, Insider Fraud, Phishing, DDoS (09:45 – 11:15)

Module 3: Confidentiality, Integrity, Availability (CIA) in Financial Context (11:30 – 01:00)

Module 4: Case Study: Recent Banking Sector Cyber Incidents (02:00 – 03:30)

Day 2: Risk Management & Security Governance

Module 1: Identifying Vulnerabilities in Banking IT Systems (07:30 – 09:30)

Module 2: Cyber Risk Assessment & Business Impact Analysis (09:45 – 11:15)

Module 3: Information Security Governance & Controls (11:30 – 01:00)

Module 4: Workshop: Drafting a Risk Mitigation Plan (02:00 – 03:30)

Day 3: Regulatory & Compliance Frameworks

Module 1: Overview: GDPR, Basel III, PCI DSS, SWIFT CSP (07:30 – 09:30)

Module 2: Audit Trails, Logging & Data Privacy in Financial Systems (09:45 – 11:15)

Module 3: Ensuring Compliance in Multi-jurisdictional Environments (11:30 – 01:00)

Module 4: Compliance Simulation Activity (02:00 – 03:30)

Day 4: Security Operations in Financial Institutions

Module 1: Security Architecture for Core Banking & Payment Systems (07:30 – 09:30)

Module 2: Endpoint, Network & Application Security (09:45 – 11:15)

Module 3: Insider Threat Management & Third-Party Security (11:30 – 01:00)

Module 4: Incident Response & Disaster Recovery Planning (02:00 – 03:30)

Day 5: Advanced Topics & Strategic Security Planning

Module 1: Cybersecurity in Fintech, Mobile & Digital Banking (07:30 – 09:30)

Module 2: Cloud & API Security in Financial Services (09:45 – 11:15)

Module 3: Strategic Cybersecurity Roadmap for Financial Institutions (11:30 – 01:00)

Module 4: Final Assessment, Action Plan & Certification (02:00 – 03:30)

Certification

Participants will receive a **Certificate in IT Security in Banking & Finance**, validating their ability to protect financial systems, ensure compliance, and support secure digital innovation in the financial sector.

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.

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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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