The Institute of Internal Auditors Tanzania

40 CPE

IT AUDIT & CYBERSECURITY MASTERCLASS: STRENGTHENING ASSURANCE IN A DIGITAL WORLD

18 - 22 MAY, 2026 | CATE HOTEL MOROGORO, TANZANIA

Organizations of all types are becoming more vulnerable to cyber threats due to their increasing reliance on computers, networks, programs and applications, social media, and data. A data breach can be disastrous, precipitating complex legal obligations, costly remediation, and long-lasting reputational damage.

Internal auditors are expected to assess an organization's defenses and ability to recover should an event occur.

This course examines the connection between cybersecurity and network security, the pros and cons of technology, and demonstrates how to apply the audit process to key areas. Finally, the course explores common cyber-related frameworks, standards, and guidelines and explains how to audit common cybersecurity solutions.

Learning Objectives

- Define cybersecurity from an internal audit perspective.
- Explore the business process – cybersecurity connection and the importance of classifying and assessing controls.
- Explain cyber liability insurance and its impact on cybersecurity.
- Describe cyber standards and state notification laws; explain how they affect an organization.
- Express how to assess an organization's cyber capabilities from an attacker perspective using threat modeling.
- Evaluate applicable controls and considerations associated with mobile computing and connected devices.
- Analyze applicable controls and considerations associated with social media and digital presence.
- Explain how to assess a cloud environment taking into consideration the organization's liabilities when utilizing cloud solutions.
- Examine how to audit the automation CoE and assurance within an established organizational risk appetite.
- Understand the risks and controls associated with identity access management, zero trust, and micro-segmentation.
- Examine the common practices for providing comprehensive assurance over operational and technological resilience programs.

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AGENDA AT A GLANCE

DAY 1.

- Network and Cybersecurity Overview
  Exploring connections between network and cybersecurity
  Understanding the breach, including

  Assessing a breach:

  - Attack view.
  - Detective view.
  - Corrective view.

- Applying Risk Management Techniques to Assess Technology
  Applying risk management techniques
  Mitigation through insurance
  Cybersecurity and breach of notification laws

DAY 2.

- Insider Threats
  Recognizing the characteristics and warning signs related to insider threats
  Describing common risks related to insider threats
  Describing common controls to protect against insider threats
  Identifying how to provide assurance of an insider threat program to the board of directors

- Auditing Operational Resiliency in Technology
  Operational Resiliency Overview
  Governance and Ownership
  Operational and Technological Resiliency for Business Services

- Vulnerability and Patch Management
  Auditing the Vulnerability Management Program
  Patch Management

DAY 3.

- Incident Management
  Incident Management
  Red Team, Blue Team, Purple Team Testing

- Auditing Identity Access Management, Zero Trust, and Micro-Segmentation
  Overview of Identity Access Management, Zero Trust, and Micro-Segmentation
  Related Risk and Control Groups
  Risk Assessment Concerns for Internal Audit
  Frameworks and Controls for Assurance

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DAY 4.

- Understanding the Cloud Environment
  Cloud Overview
  Examining Cloud-Based Risks and Controls
  Assessing the Cloud Environment

- Auditing Mobile Computing and Connected Devices
  Mobile Computing and Connected Device Essentials
  Mobile Computing and Connected Device Risks and Controls
  Assessing Mobile Computing and Connected Device Related Controls

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DAY 5.

- Regulatory Compliance and Standards
  Auditing Social Media and Digital Presence
  Social Media and Digital Presence Overview
  Social Media and Digital Presence Risks and Controls
  Assessing Social Media and Digital Presence

- Automation Center of Excellence
  How to audit the Automation Center of Excellence (CoE) and Cognitive Technologies
  Automated Auditing Processes and Benefits
  Automation CoE Risks

Who Should Attend?

Internal Auditors, Chief Audit Executives, Audit Managers,
Senior Auditors, Directors of Internal Auditors, External Auditors,
Risk Managers, Information System Auditors and other interested parties.

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Registration

Visit
www.iiatanzania.or.tz, events.iiatanzania.or.tz

or email to: info@iiatanzania.or.tz;

and for enquiry Call or WhatsApp: +255 684460777

Fees:

Fee Category	Payment Before 11.05.2026	Payment After 11.05.2026
Member	TZS 900,000	TZS 1,000,000
Non-Member	TZS 1,000,000	TZS 1,100,000

Note that all participation fees are VAT 18% inclusive. Discount: All Workshop fees have been favourably discounted.

REGISTER AND PAY SCAN HERE

Cancellation charge of 20% will be charged if written notification for cancellation is received by 11th May 2026. No refund shall be remitted for cancellation after 11th May 2026.

THE INSTITUTE OF INTERNAL AUDITORS TANZANIA

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