

IT AUDIT FOR NON-IT AUDITORS

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OVERVIEW

Information Technology (IT) is a critical enabler of business. As computing power has advanced, enterprises have become increasingly dependent on technology to carry out their operational requirements and to collect, process, maintain and report essential data. This reliance on electronically encoded data and on the systems that affect managerial decisions are a major concern of audit professionals. Assuring an enterprise's governance, including risk management and control processes, requires auditors to understand the role of IT within their organizations and to develop adequate knowledge and skills to audit IT systems as the line separating "IT," and "non-IT" audits are beginning to disappear, except in the very technical IT domains.

Digital transformation has increased the reliance on IT, which now acts as an enabler to increased market speed, superior customer satisfaction, reduced costs, and other benefits that contribute to the achievement of organizational objectives. Organizations have never had a greater need for reliable assurance over the technological capabilities that fueled and continue to fuel their digital transformation.

LEARNING OUTCOMES

This course provides a comprehensive overview of the fundamental concepts of IT auditing, and how to apply them on the job. Learn about IT governance and the regulatory environment, general controls, application controls, and end-user computing, and how to perform various IT audits, and more.

Participants will:

- Explore the steps to perform an audit of IT applications utilizing general IT control audit concepts.
- Examine the steps for coordinating the assessment of IT risks with the evaluation of IT general controls.

- Recognize the concepts of application controls as they relate to auditing systems in development.
- Identify the steps to perform a risk assessment and an evaluation of controls over end-user computer applications, utilizing general IT control concepts.

OUTLINE

SESSION 1

Overview of IT Auditing Concepts and Controls

- Types of audits internal auditors perform.
- The responsibilities, objectives, and skills needed to perform IT audits.
- How COSO relates to IT auditing.
- Commonly referenced regulations affecting IT audits.
- Overview of Key Technical Processes and IT General Controls

Introduction to IT Change Management

- The IT change management process.
- Standard types of technology changes.
- Risks and costs of IT change management.
- Controls by function.
- Internal Audit's role in IT change management.

SESSION 2

Fundamentals of Logical Security

- General system security concepts.
- The IAAA Model.
- Identification.
- Authentication.
- Authorization.
- Auditing.
- Primary activities regarding access management

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Availability and Corrective Controls

- Recovery objectives.
- Availability concepts.
- Business continuity.
- Disaster recovery.
- Incident response.
- Auditing availability and corrective controls recovery processes

SESSION 3

System Development Life Cycle

- System development life cycle concepts.
- System development life cycle frameworks.
- Auditing the system development life cycle.

Application Controls

Types of application controls.

Purpose, risks, and control activities relating to:

- Input controls.
- Processing controls.
- Output controls.
- Interface controls.
- Audit trails (log files).

SESSION 4

End-User Computing-Shadow IT

- Overview of end-user computing.
- User-developed applications risks and controls.
- Dependence on spreadsheets within financial activities.
- User-acquired-systems risks and controls.
- Auditing end-user computing.

Networking Essentials

- Key networking concepts and technologies.
- Typical networking risks.
- Traditional networking controls and tools.

Cloud Computing

- Basics of cloud computing.
- Cloud environments.
- Cloud service risks.
- Cloud controls.

ADMINISTRATIVE DETAILS

TARGET AUDIENCE LEVEL I-III

MEMBER'S FEE RM850.00

NON-MEMBER'S FEE RM950.00

All Fees will be subject to 6% SST

DATE 23 & 24 August 2021

TIME 8:30 am - 1:00 pm

DELIVERY MODE Virtual Platform

PROGRAMME CODE WEB 49

TRAINER **Divakaren Sivagurunathan**
MBA, CISA, Cybersecurity Audit Certificate

CPD POINTS 10



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ABOUT THE TRAINER

DIVAKAREN SIVAGURUNATHAN

MBA, CISA, Cybersecurity Audit Certificate

Divakaren Sivagurunathan is currently heading the audit function of a telco, performing both IT and non-IT audits. He also serves as the secretary of the Board Audit Committee for the telco and provides consultation on IT assurance within the larger Group. He has 16 years of IT auditing experience covering all aspects of application and infrastructure auditing.

Prior to this, he was in various senior auditor roles within the oil and gas industry, providing assurance for both IT and non-IT systems, covering all aspects of applications and infrastructure, including servers, networking, and plant industrial control systems.

On top of his Master of Business Administration (MBA), Diva is also a Certified Information Systems Auditor (CISA) and obtained his Certificate in Cybersecurity Auditing. He is also serving on the Board of Directors on the Information System Audit & Control Association (ISACA) Malaysia's chapter.

ENQUIRY & REGISTRATION

1-17-07, Menara Bangkok Bank, Berjaya Central Park, 105 Jalan Ampang, 50450, Kuala Lumpur, Malaysia
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COURSE DETAIL

Course Title _____

Course Code _____

Course Date(s) _____

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Member

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DELEGATE 3

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*Mobile No. _____

*Email Address _____

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"Membership No. (only applicable for members)"

CORPORATE DETAILS (only applicable for corporations)

Corporate Member

Corporate Membership No: _____

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CONTACT DETAILS

Organisation Name _____

Mailing Address _____

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BILLING DETAILS

please tick if billing details are the same as contact details.

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Payment Details	Member Rate (per person) for WEB-code related courses	Non-Member (per person)	6% SST	Total with SST
Fee (per pax) RM				
No. of pax				
Subtotal				

All registrations **MUST** be accompanied with full payment. Upon receipt of your registration, you are deemed to have read and understood the registration procedures and accepted the terms and conditions contained therein. (Please tick (✓) the chosen method)

LOCAL PAYMENTS BY CHEQUE / INTERBANK GIRO

All payments should be crossed and made payable to **THE INSTITUTE OF INTERNAL AUDITORS MALAYSIA**

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Account No.: 165-301-514-9 Bank Swift Code: UOVBMKYL

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Beneficiary's Bank Address: Level 18, Menara Standard Chartered, No.30 Jalan Sultan Ismail, 50250 Kuala Lumpur

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TERMS & CONDITIONS

FEE

- Fee is payable to "THE INSTITUTE OF INTERNAL AUDITORS MALAYSIA". Please state your name, payment advice number, phone number and Virtual Training Code number at the back of the cheque/bank-in slip. Admittance will only be permitted upon receipt of full payment
- The fee covers the soft copy course material* and Certificate of Attendance.
- Full payment is to be made before the date of the course. Fee is subject to 6% SST.
- Last minute registration and admittance will only be allowed if full payment is made, subject to the availability of the seat.

CANCELLATION

- Upon registering, participant(s) are considered successfully enrolled in the course. Should participant(s) decide to cancel/transfer their registration, a cancellation/transfer policy shall be applied as follows.
 - a) Written cancellations should be received by 14 working days before the Virtual Training date to get the refund.
 - b) Written cancellations should be received by 7 working days before the Virtual Training date to get a partial refund after deduction of 50% administrative charge. Unpaid registrations will also be liable for 50% administrative charge.
 - c) Written cancellations/no-show on the day of the Virtual Training.
 - No refund will be entertained.
 - Unpaid registrations will also be liable to full payment of the registrations fee.
 - Partial cancellation is not allowed.
 - d) You can substitute an alternate delegate(s) if you wish to avoid cancellation charges. Any differences in fees will be charged accordingly.

RESERVATION

- The Institute reserves the right to make changes to the date, topic, speaker including cancellation if warranted by circumstances beyond its control.
- The Institute is not responsible for the action, advise or representations of the trainer / speaker.
- Registration will be on first-come, first-serve basis.
- Upon signing this form, you have deemed to have read and understand the registration term and condition and therefore have accepted the terms contained herein.
- Certificates of Attendance will be issued an "E-certificate" via email. For this purpose, it is COMPULSORY to fill in the email address clearly. Certificate will only be given to participant who attended the session in full.

DATA PROTECTION

Personal Data is gathered in accordance with the Personal Data Protection Act 2010 (Act 709). The Institute of Internal Auditors Malaysia (IIA Malaysia) hereby inform you that your personal data will be processed, retained and used by IIA Malaysia in relation to this Virtual Training. Your personal data may also be retained and used by IIA Malaysia to market and promote other training programmes conducted by IIA Malaysia.

DISCLAIMER

The Institute of Internal Auditors Malaysia (IIA Malaysia) reserves the right to change the speaker(s), date(s) or to cancel the Virtual Training should circumstances beyond its control arise. IIA Malaysia also reserves the right to make alternative arrangements without prior notice should it be necessary to do so. Upon signing the registration form, you are deemed to have read and accepted the terms and conditions.

* Subject to approval of the proprietor.