



IT Audit Methodology (virtual classroom)

ORGANISATION SHEET

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| Objectives | To understand better the methodology to audit the overall IT process according to best practices from ISACA. This training will develop and expand your audit knowledge of controls to properly identify and categorize risks and achieve audit objectives when auditing IT governance, network, project management and development life cycle. |
| Methodology | This course is NOT a webinar but an interactive programme. Participants are encouraged to be engaged in the sessions and to this end to have their webcam on and a well-functioning microphone. The participants will get acquainted with the key concepts of an IT audit methodology. |
| Platform | WEBEX Attendees must have working microphones and a webcam is mandatory to get the most from the workshop |
| Technical requirements | In order to join the course participants are requested to have: <ul style="list-style-type: none">- a stable internet connection- a device (preferably a PC) with well-functioning microphone and webcam (mandatory to be able to interact with the trainer and their peers). |
| Audience | Internal auditors (all levels), compliance officers, business controllers, Senior & Middle Level management officers who want to learn about IT audit process. Preferred: at least 3 years' experience in Audit and/or business control of bank's processes, operations, procedures and organization. |
| Expert | M. Yves Deceuninck – House of Training/ATTF Trainer Experienced auditor and coach in risk management, consultant in the financial sector in Luxembourg and across the world, Lecturer at University of Lorraine (France) in a Master 2 programme in operational risk and governance and at the Polytechnique school (engineering) in Nancy France. Invited lecturer at University of Luxembourg in the programme Law & Regulations of Inclusive Finance. |
| Language | The course and all printed material will be delivered in English. Participants are therefore required to have a good command of English. |
| Participants | 20 participants maximum |
| Place, duration, dates | 6 online sessions of 4 hours (24 hours) From 19 to 26 July from 9:00 till 13:00 |



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CONTENT

SESSIONS 1 AND 2

- IT Governance and management
- IT Governance framework
- IT Strategy Committee
- The Balanced Scorecard
- IT Strategic Planning
- Policies and Procedures
- (Information Security, privacy, data classification, systems, sites, access control, mobiler devise, social medias policies)
- Risk management
- The IT risk management program
- The IT risk management process
- Risk treatment
- Countermeasure assessment
- IT Management Practice
- IT Organisation
- Personal Management/Change Management/Financial Management
- Sourcing-outsourcing
- Quality/portfolio/controls/security management

SESSIONS 3 AND 4

- Auditing contracts, outsourcing, documentation and records
- Auditing the system development management
 - Auditing program and project management
 - Auditing the feasibility study
 - Auditing requirements
- Auditing design
- Auditing software acquisition and development
- Auditing testing
- Auditing implementation and post-implementation

SESSIONS 5 AND 6

- Auditing third parties risk management
- Auditing application controls
- Continuous Auditing
- Auditing database management system
- Artificial intelligence and machine learning
- Auditing information security management
- Auditing logical access control
- Auditing network security controls
- Auditing environment controls
- Auditing physical security controls
- Auditing asset protection



HOUSE OF
TRAINING



Remark: By delivery date, any training documentation shall be subject to regular reviews and updates amending the table of content as described herein.

