IT Audit Comprehensive

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This course will be delivered in Indonesian and/or English

The IT Audit course is designed to provide a practical view in conducting IT audit and assurance in one organization. The course is designed to support professional staffs to expand their understanding of information technology (IT) audit. The course presents a more in-depth view on the fundamentals of IT auditing by highlighting on topics such as: IT audit and control analysis, examination of control evidence in conducting IT audit, application control, and management of IT audit.

The course will also discuss and exercises related to general control examinations and application system auditing. The course will also focus on control research and analysis for IT-related topics. In addition, thorough discussion and exercises, students will gain a working understanding of the process of control and audit analysis.

Participants will be expected to gain a working understanding of how to identify reference and implement IT management controls, standards and related auditing standards. Regarding the latter, the objective is to learn how to identify and interpret the requirements of the standards and implement the standards in auditing process.

Each class session will include discussion on an IT audit management, security, control or audit issues that participants should be familiar with.

Objectives

At the completion of this course, the participants should be able to:

- Participants shall obtain an expanded understanding of the role of IT auditors in evaluating IT-related operational and control risk and in assessing the appropriateness and adequacy of management controls: IT-related controls inside participants’ organization
- Participants shall obtain the capability in conducting IT audit and implement techniques in performing assurance, assessment, attestation, and audit engagements
- Participants shall obtain an expanded familiarity with the principle references in IT governance, control and security as related to IT audit
- Participants shall obtain an understanding of the role of IT auditors regarding IT-related compliance and regulatory audits, such as evaluating control standards

Target Audience

- IT Managers
- Security Managers
- Auditing Staffs
- IT Operation Staffs

Course Contents & Description

1. Introduction to Information Technology Audit
   - The class session will focus on IT audit concepts and processes, which includes review of some of the key fundamentals of IT auditing, including general auditing standards, risk-based auditing, pre-audit objectives, determining scope and audit objectives, and the process of performing an IT audit.
   - The participants will also cover planning, control performance, and self-assessment, risk analysis, and the objectives of the IT audit or assurance report.

2. Conducting Information Technology Audit
   - The class session will describe practical methodology in conducting the effective and efficient IT audit, expand upon the need for appropriate controls and assurance processes for business and IT environment. The participants will be geared toward grasping a working understanding of the content and value of the management guidelines and assurance methodology.

Course Contents & Description—cont

- Discussion will focus on the importance of measurement in achieving organizational and IT objectives. The session will also focus on the business and IT environments related to operational and control assessments (audit).

3. Management Controls
   - The class session will provide an overview of the control model such as: internal control, control analysis methodology from the Closing Loop Framework, how to identify control processes, considerations regarding materiality, and the assessment of IT value by which all these tools will be used assessing the appropriateness of IT processes.
   - The class session will also expand upon the audit process by providing methodology for developing audit strategy and developing audit work programs with reference to best practices (COBIT, BS 17799, etc).

   - In this regard, the participant will cover organizational structure, accountability, role of the IT steering committee and oversight functions, and method for ensuring that appropriate policies and procedures are in place.

4. Application Controls
   - The class session will expand upon the requirements for application system audits, use of audit software, and IT service delivery.
   - From an audit perspective, the objective is to provide assurance that application systems have integrity, and that IT service management practices will ensure the delivery of the level of services required to meet the business organization’s objectives.

   - Topic areas will include such as: types of application systems, application control assessment and testing, and assurance services, problem management, help desk functions, and network standards.

5. Evidence Collection and Evaluation
   - The class session will expand the methods in conducting the evidence collection, evaluation and reporting which cover the observed processes, documentary audit and analysis of evidence using appropriate tools such as: sampling, CAAT, etc.

   - The participants will be driven towards having the capability in conducting an effective evidence collection and evaluation which are essential.

6. Managing the IT Audit Function
   - The class session will focus on management issues regarding how to manage IT audit and assurance functions. The class material will include development and assessment of staff and skills, competency measurement, assignment of staff, documentation and continuing education requirements.

   - Discussion will be on best approaches for in-house professionals, the role of IT auditors regarding IT processes, and control or audit auditing functions in conducting assurance reports.

   - In this regard, the participant will cover organizational structure, accountability, role of the IT steering committee and oversight functions, and method for ensuring that appropriate policies and procedures are in place.

Lokasi & Ketentuan Pelaksanaan:

Jakarta: 4th Floor Wisma 46, J. Jenderal Sudirman Kav.1 Jakarta 10220, Sofyan Hotel Group, IBIS Hotel Group atau hotel lainnya di Jakarta;

Bali: Hotel atau hotel lainnya;

Bandung: KAGUN Hotel Group / ASTON Hotel Group atau hotel lainnya.

Yogyakarta: ASTON Hotel Groups atau hotel lainnya.

Perubahan lokasi/tempat akan dikonfirmasikan melalui notifikasi sebelumnya.

Jumlah peserta minimal (kecuali ditentukan lain) untuk pelaksanaan di Bali (9) (sembari (orang, Yogya (7)(tujuh) orang, Bandung (5)(lima) orang, Yogyakarta (6)(enam) orang, yang kami berikan keterangan yang kami berikan keterangan) untuk pelaksanaan di Bandung (4)(empat) orang, Yogyakarta (3)(tiga) orang). Untuk seluruh peserta kami melalui hubungi Marketing kami melalui Tel: 021-22974639; HP:081217809900; WA:08558080790 atau email: beproseminars@gmail.com.