ISO/IEC 27001 Lead Auditor

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1. Course Description:

ISO/IEC 27001 Lead Auditor training enables you to develop the necessary expertise to perform an Information Security Management System (ISMS) audit by applying widely recognized audit principles, procedures and techniques. During this training course, you will acquire the necessary knowledge and skills to plan and carry out internal and external audits in compliance with ISO 19011 and ISO/IEC 17021-1 certification process.

Based on practical exercises, you will be able to master audit techniques and become competent to manage an audit program, audit team, communication with customers, and conflict resolution. After acquiring the necessary expertise to perform this audit, you can sit for the exam and apply for a "PECB Certified.

ISO/IEC 27001 Lead Auditor" credential. By holding a PECB Lead Auditor Certificate, you will demonstrate that you have the capabilities and competencies to audit organizations based on best practices.

2. Audience:
- Members of an information security team
- IT Professionals wanting to gain a comprehensive knowledge of the main processes of an Information Security Management System (ISMS)
- Staff involved in the implementation of the ISO 27001 standard
- Technicians involved in operations related to an ISMS
- Auditors
- CxO and Senior Managers responsible for the IT governance of an enterprise and the management of its risks

3. Learning Objectives:
- Understand the operations of an Information Security Management System based on ISO/IEC 27001
- Acknowledge the correlation between ISO/IEC 27001, ISO/IEC 27002 and other standards and regulatory frameworks
- Understand an auditor's role to: plan, lead and follow-up on a management system audit in accordance with ISO 19011
- Learn how to lead an audit and audit team
- Learn how to interpret the requirements of ISO/IEC 27001 in the context of an ISMS audit
- Acquire the competencies of an auditor to: plan an audit, lead an audit, draft reports, and follow-up on an audit in compliance with ISO 19011

4. Benefits of Taking This Course:
- Qualifying oneself to conduct audits for a certification body
- Formal and independent recognition of personal competencies

5. Prerequisites:
None although the foundation level certification can be an asset

6. Course Materials:
You will receive the following as part of this course:
- A copy of the classroom presentation material
- A study handbook containing information and practical examples

7. About the Examination:

The "Certified ISO/IEC 27001 Lead Auditor" exam, duration of 3 hours, fully meets the requirements of the PECB Examination and Certification Programme (ECP). The exam covers the following competence domains:

Domain 1 - Fundamental principles and concepts of an Information Security Management System (ISMS)

Domain 2 - Information Security Management System (ISMS)

Domain 3 - Fundamental audit concepts and principles

Domain 4 - Preparation of an ISO/IEC 27001 audit

Domain 5 - Conducting an ISO/IEC 27001 audit

Domain 6 - Closing an ISO/IEC 27001 audit

Domain 7 - Managing an ISO/IEC 27001 audit program

8. Course Agenda

Day 1 | Introduction to Information Security Management Systems (ISMS) and ISO/IEC 27001

- ➤ Course objectives and structure
- ➤ Standards and regulatory frameworks
- ➤ Certification process
- ➤ Fundamental principles of Information Security Management Systems
- ➤ Information Security Management Systems (ISMS)

Day 2 | Audit principles, preparation and launching of an audit

- ➤ Fundamental audit concepts and principles
- ➤ Evidence based audit approach
- ➤ Initiating the audit
- ➤ Stage 1 audit
- ➤ Preparing the stage 2 audit (on-site audit)
- ➤ Stage 2 audit (Part 1)

Day 3 | On-site audit activities

- ➤ Stage 2 audit (Part 2)
- ➤ Communication during the audit
- ➤ Audit procedures
- ➤ Creating audit test plans
- ➤ Drafting audit findings and non-conformity reports

Day 4 | Closing the audit

- ➤ Documentation of the audit and the audit quality review
- ➤ Closing the audit
- ➤ Evaluating action plans by the auditor
- ➤ Benefits of the initial audit
- ➤ Managing an internal audit program
- ➤ Competence and evaluation of auditors
- ➤ Closing the training

Day 5 | Certification Exam

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