PECB CERTIFIED ISO/IEC 27001
LEAD AUDITOR

MASTERING THE AUDIT OF AN INFORMATION SECURITY MANAGEMENT SYSTEM (ISMS) BASED ON ISO/IEC 27001, IN COMPLIANCE WITH THE REQUIREMENTS OF ISO 19011 AND ISO 17021

SUMMARY

This three-day accelerated course enables the participants to develop the expertise needed to audit an Information Security Management System (ISMS), and manage a team of auditors by applying widely recognized audit principles, procedures and techniques. During this training, the participants will acquire the knowledge and skills needed to proficiently plan and perform internal and external audits in compliance with certification process of the ISO/IEC 27001 standard. Based on practical exercises, the participants will develop the skills (mastering audit techniques) and competencies (managing audit teams and audit program, communicating with customers, conflict resolution, etc.) necessary to conduct an audit efficiently. Participants will be prepared to sit for an on-site exam on the last day of the training.

WHO SHOULD ATTEND?

- Internal auditors
- Auditors wanting to perform and lead an ISMS certification audits
- Members of an Information Security team
- Technical experts wanting to prepare for an Information Security audit function

COURSE AGENDA

DURATION: 3 DAYS

Introduction to Information Security Management System (ISMS) concepts as required by ISO/IEC 27001

- Normative, regulatory and legal framework related to Information Security
- Fundamental principles of Information Security
- The ISO/IEC 27001 certification process
- Detailed presentation of the clauses of ISO/IEC 27001

Planning and initiating an ISO/IEC 27001 audit

- Fundamental audit concepts and principles
- Audit the approach based on evidence and on risk
- Preparation of an ISO/IEC 27001 certification audit
- Documenting of an ISMS audit

Conducting an ISO/IEC 27001 audit

- Communication during the audit
- Audit procedures: observation, document review, interview, sampling techniques, technical verification, corroboration and evaluation
- Drafting test plans
- Formulation of audit findings, drafting of nonconformity reports

Concluding and ensuring the follow-up of an ISO/IEC 27001 audit

- Audit documentation
- Conducting a closing meeting and conclusion of an ISO/IEC 27001 audit
- Evaluation of corrective action plans
- ISO/IEC 27001 surveillance audit and audit management program

Certification Exam

LEARNING OBJECTIVES

- To acquire expertise of performing an ISO/IEC 27001 internal audit, following the ISO 19011 guidelines
- To acquire expertise of performing an ISO 27001 certification audit, following the ISO 19011 guidelines and the specifications of ISO 17021 and ISO 27006
- To acquire necessary expertise for managing an ISMS audit team
- To understand the operation of an ISO/IEC 27001

EXAMINATION

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

1 **Domain 1: Fundamental principles and concepts in Information Security**

Main Objective: To ensure that the ISO/IEC 27001 Lead Auditor candidate can understand, interpret and illustrate the main Information Security concepts related to an Information Security Management System (ISMS)

2 **Domain 2: Information Security Management System (ISMS)**

Main Objective: To ensure that the ISO/IEC 27001 Lead Auditor candidate can understand, interpret and illustrate the main concepts and components of an Information Security Management System based on ISO/IEC 27001

3 **Domain 3: Fundamental Audit Concepts and Principles**

Main Objective: To ensure that the ISO/IEC 27001 Lead Auditor candidate can understand, interpret and apply the main concepts and principles related to an ISMS audit in the context of ISO/IEC 27001

4 **Domain 4: Preparation of an ISO/IEC 27001 audit**

Main Objective: To ensure that the ISO/IEC 27001 Lead Auditor candidate can prepare appropriately an ISMS audit in the context of ISO/IEC 27001

5 **Domain 5: Conduct of an ISO/IEC 27001 audit**

Main Objective: To ensure that the ISO 27001 Lead Auditor candidate can conduct efficiently an ISMS audit in the context of ISO/IEC 27001

6 **Domain 6: Conclusion and follow-up of an ISO/IEC 27001 audit**

Main Objective: To ensure that the ISO/IEC 27001 Lead Auditor candidate can conclude an ISMS audit, and conduct the follow-up activities in the context of ISO/IEC 27001

7 **Domain 7: Management of an ISO/IEC 27001 audit program**

Main Objective: To ensure that the ISO/IEC 27001 Lead Auditor understands how to establish and manage an ISMS audit program

- The "PECB Certified ISO/IEC 27001 Lead Auditor" exam is available in different languages, such as English, French, Spanish and Portuguese
- Duration: 3 hours
- For more information about the exam, please visit: www.pecb.com

CERTIFICATION

- After successfully completing the exam, participants can apply for the credentials of PECB Certified ISO/IEC 27001 Provisional Auditor, PECB Certified ISO/IEC 27001 Auditor or PECB Certified ISO/IEC 27001 Lead Auditor depending on their level of experience. Those credentials are available for internal and external auditors
- A certificate will be issued to participants who successfully pass the exam and comply with all the other requirements related to the selected credential:

Credential	Exam	Professional Experience	ISMS Audit Experience	ISMS Project Experience	Other Requirements
PECB ISO/IEC 27001 Provisional Auditor	PECB ISO/IEC 27001 Lead Auditor Exam	None	None	None	Signing the PECB code of ethics
PECB ISO/IEC 27001 Auditor	PECB ISO/IEC 27001 Lead Auditor Exam	**Two years** One year of Information Security work experience	Audit activities totaling 200 hours	None	Signing the PECB code of ethics
PECB ISO/IEC 27001 Lead Auditor	PECB ISO/IEC 27001 Lead Auditor Exam	**Five years** Two years of Information Security work experience	Audit activities totaling 300 hours	None	Signing the PECB code of ethics

GENERAL INFORMATION

- Your exam will be covered by 'Firebrand's Certification Guarantee' program, details of which can be found on the website
- Participant manual contains over 450 pages of information and practical examples
- A participation certificate of 31 CPD (Continuing Professional Development) credits will be issued to the participants