



## PECB ISO 27001 INTRODUCTION

### INTRODUCTION TO THE IMPLEMENTATION OF AN INFORMATION SECURITY MANAGEMENT SYSTEM (ISMS) BASED ON ISO/IEC 27001

#### SUMMARY

This one-day training enables participants to be familiar with the basic concepts of the implementation and management of an Information Security Management System (ISMS) as specified in ISO/IEC 27001:2013. The participant will learn the different components of an ISMS, including the ISMS policy, risk management, measuring performance, management's commitment, internal audit, management review and continual improvement.

#### WHO SHOULD ATTEND?

- ▶ 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/IEC 27001 standard
- ▶ Expert advisors in IT
- ▶ CxO and Senior Managers responsible for the IT governance of an enterprise and the management of its risks
- ▶ Auditors

#### LEARNING OBJECTIVES

- ▶ To understand the fundamentals of information security
- ▶ To know the interrelationships between ISO/IEC 27001 and the other information security standards (ISO 27002, ISO 27003, ISO 27004, and ISO 27005...)
- ▶ To know the key components of an Information Security Management System (ISMS) in accordance with ISO/IEC 27001
- ▶ To introduce the concepts, approaches, standards, methods and techniques allowing to effectively manage an ISMS
- ▶ To understand the relationship between an Information Security Management System, including risk management, controls and compliance with the requirements of different stakeholders of the organization
- ▶ To understand the stages of the ISO/IEC 27001 certification process

#### PREREQUISITES

None

#### COURSE AGENDA

DURATION: 1 DAY

- ▶ Introduction to the ISO 27000 standards family
- ▶ Introduction to management systems and the process approach
- ▶ General requirements: presentation of the clauses 4 to 8 of ISO/IEC 27001
- ▶ Implementation phases of the ISO/IEC 27001 framework
- ▶ Introduction to risk management according to ISO/IEC 27005
- ▶ Continual improvement of information security
- ▶ Conducting an ISO/IEC 27001 certification audit

#### EXAMINATION AND CERTIFICATION

None

#### GENERAL INFORMATION

- ▶ A student manual containing over 100 pages of information and practical examples will be distributed to participants
- ▶ A participation certificate of 7 CPD (Continuing Professional Development) credits will be issued to participants

For additional information, please contact us at [info@pecb.com](mailto:info@pecb.com) or visit [www.pecb.com](http://www.pecb.com)