



# PECB CERTIFIED ISO/IEC 27005 RISK MANAGER

**MASTERING RISK ASSESSMENT AND RISK MANAGEMENT FOR INFORMATION SECURITY BASED ON ISO/IEC 27005**

## SUMMARY

This course enables the participants develop the competence to master the basic Risk Management elements related to all the assets of relevance for Information Security using the ISO/IEC 27005 standard as a reference framework. Based on practical exercises and case studies, participants acquire the necessary knowledge and skills to perform an optimal Information Security Risk Assessment and manage risks in time by being familiar with their life cycle. This training fits perfectly the framework of an ISO/IEC 27001 standard implementation process.



## WHO SHOULD ATTEND?

- ▶ Risk managers
- ▶ Individuals responsible for Information Security or conformity within an organization
- ▶ Members of the Information Security team
- ▶ IT consultants

## COURSE AGENDA

DURATION: 3 DAYS

### Introduction, risk management program according to ISO/IEC 27005

- ▶ Concepts and definitions related to risk management
- ▶ Risk management standards, frameworks and methodologies
- ▶ Implementation of an information security risk management program
- ▶ Understanding an organization and its context

### Risk identification and assessment, risk evaluation, treatment, acceptance, communication and surveillance according to ISO/IEC 27005

- ▶ Risk identification
- ▶ Risk analysis and risk evaluation
- ▶ Risk assessment with a quantitative method
- ▶ Risk treatment
- ▶ Risk acceptance and residual risk management
- ▶ Information Security Risk Communication and Consultation
- ▶ Risk monitoring and review

### Overview of other information security risk assessment methods and Certification Exam

- ▶ Presentation of OCTAVE method
- ▶ Presentation of MEHARI method
- ▶ Presentation of EBIOS method
- ▶ Presentation of Harmonized TRA method
- ▶ Certification Exam



## LEARNING OBJECTIVES

- ▶ To understand the concepts, approaches, methods and techniques that allow effective Risk Management according to ISO/IEC 27005
- ▶ To interpret the requirements of ISO/IEC 27005 on Information Security Risk Management
- ▶ To understand the relationship between the Information Security Risk Management, the security controls and the compliance with all the other requirements

## EXAMINATION

The “PECB Certified ISO/IEC 27005 Risk Manager” exam fully meets the requirements of the PECB Examination and Certification Program (ECP). The exam covers the following competence domains:

### 1 Domain 1: Fundamental concepts, approaches, methods and techniques of information security risk management

Main Objective: To ensure that the ISO/IEC 27005 Risk Manager candidate can understand, interpret and illustrate the main Risk Management guidelines and concepts related to a Risk Management framework based on ISO/IEC 27005

### 2 Domain 2: Implementation of an information security risk management program

Main Objective: To ensure that the ISO/IEC 27005 Risk Manager candidate can implement the processes of a Risk Management reference framework based on ISO/IEC 27005

### 3 Domain 3: Information security risk assessment based on ISO/IEC 27005

Main Objective: To ensure that the ISO/IEC 27005 Risk Manager candidate can perform risk assessment in the context of an ISO/IEC 27005

- ▶ The “PECB Certified ISO/IEC 27005 Risk Manager” exam is available in different languages, such as English, French, Spanish and Portuguese
- ▶ Duration: 2 hours
- ▶ For more information about the exam, please visit: [www.pecb.com](http://www.pecb.com)





## CERTIFICATION

- ▶ A certificate of “PECB ISO/IEC 27005 Risk Manager” will be issued to those participants who successfully pass the exam and comply with all the other requirements related to this credential:

Credential	Exam	Professional Experience	Risk Assessment experience	Other Requirements
<b>PECB Certified ISO/IEC 27005 Provisional Risk Manager</b>	PECB Certified ISO/IEC 27005 Risk Manager Exam	None	None	Signing the PECB code of ethics
<b>PECB Certified ISO/IEC 27005 Risk Manager</b>	PECB Certified ISO/IEC 27005 Risk Manager Exam	<b>Two years</b> One year of Risk Management related work experience	Risk Management activities totalling 200 hours	Signing the PECB code of ethics

## GENERAL INFORMATION

- ▶ Certification fees are included in the exam price
- ▶ Participant manual contains more than 350 pages of information and practical examples
- ▶ A participation certificate of 21 CPD (Continuing Professional Development) credits will be issued to the participants