



Cybersecurity Foundation

Description

Discover our **Cybersecurity foundation training**, designed to meet the growing demand for qualified **cybersecurity** professionals. This course offers a deep dive into the fundamental principles and concepts of cybersecurity, perfectly aligned with industry best practices such as ISO/IEC 27032 and the NIST Cybersecurity Framework.

Aimed at those aspiring to actively contribute to the development and management of robust cybersecurity programs, this **PECB Cybersecurity Foundation** course covers everything from the implementation of cybersecurity programs, attack mechanisms, threat mitigation, risk management, to best practices for incident response. Gain the necessary skills to effectively participate in cybersecurity management projects and strengthen your organization's resilience against digital threats.

The **PECB Cybersecurity Foundation certification** – included in the course price – demonstrates that you understand the concepts and principles of information security risk management.

Classroom Registration Price (CHF)

1800

Virtual Classroom Registration Price (CHF)

1700

Course Content

Day 1: Cybersecurity Foundations and Framework **Module 01: Course Objectives and Structure**

- Introduction and goals of the cybersecurity training
- Overview of the course structure

Module 02: Normative and Regulatory Framework

- Understanding international standards and the regulatory framework

Module 03: Fundamental Concepts in Cybersecurity

- Exploration of essential cybersecurity principles

Module 04: Cybersecurity Program

- Development and implementation of an integrated cybersecurity program

Module 05: Cybersecurity Policy and Risk Management

- Development of cybersecurity policies
- Principles of risk management in cybersecurity

Module 06: Attack Mechanisms

- Identification and analysis of common attack vectors

Day 2: Incident Management and Continuous Improvement **Module 07: Cybersecurity Controls**

- Implementation of security controls for the protection of information assets

Module 08: Information Sharing and Coordination

- Importance and methods of information sharing in cybersecurity

Module 09: Training and Awareness Program

- Development of programs aimed at enhancing cybersecurity awareness

Module 10: Business Continuity and Cybersecurity Incident Management

- Business continuity planning in response to cybersecurity incidents

Module 11: Incident Response and Recovery

- Response and recovery strategies following security incidents

Module 12: Cybersecurity Testing

- Testing methods to assess the effectiveness of security measures

Module 13: Performance Measurement and Continuous Improvement

- Techniques for measuring the performance of cybersecurity initiatives and for their continuous improvement

Module 14: Certification Process

- Preparation for the certification exam and overview of the certification process

Documentation

- Digital course material included

Exam

The "PECB Cybersecurity Foundation" exam covers the following competency areas

- Fundamental principles and concepts of cybersecurity
- Cybersecurity program

An exam voucher as well as a "retake" is included in the course price

- If you fail the exam on your first try, you have the opportunity to make a second attempt for free
- There is no need for a new exam voucher to retake the exam. The same voucher you used for the first exam attempt is valid for the second attempt

Participant profiles

- Cybersecurity managers and consultants
- Cybersecurity management professionals
- Information security officers
- Those aspiring to a cybersecurity career

Prerequisites

- There are no prerequisites to participate in this training.

Objectives

- Understand the fundamental concepts and principles of cybersecurity.
- Identify key standards and frameworks, such as ISO/IEC 27032 and the NIST Cybersecurity Framework.
- Explain the approaches, methods, and techniques for ensuring cybersecurity.
- Assess risks and implement effective mitigation strategies.
- Develop skills in incident response and crisis management.

Description

Training Cybersecurity Foundation

Niveau

Fondamental

Duration (in Days)

2

Reference

CYF-01