ISO 31000, Risk Management: Certification

Hands-on course of 3 days - 21h
Ref.: ISS - Price 2024: €2 590 (excl. taxes)

EDUCATIONAL OBJECTIVES
At the end of the training, the trainee will be able to:

Understand the concepts and fundamental processes of risk management

Grasp the correlation between the ISO 31010, ISO 31010, and other standards and the regulatory framework

Understand the approaches, methods, and techniques for managing risks

Know how to interpret the principles and guidelines of ISO 31000

TEACHING METHODS

Theoretical background, discussions, hands-on exercises based on a case study. Questionnaires. Preparing for the exam.

Case study and questionnaires.

THE PROGRAMME

last updated: 06/2022

1) Introduction to the principles and framework of ISO 31000
- Standards and regulatory framework: ISO 31000, ISO/TR 301004, ISO/IEC 31010, NIST 800-30, COSO ERM.
- Introduction to the principles and concepts of ISO 31000: Advantages, types of risks.
- Organizational framework of risk management: Design, implementation, continuous improvement.
- Initiating the implementation of the risk management process.
Case study : Risk management principles. Risk management framework and process. Implementation of risk management.

2) Risk management process based on ISO 31000
- Establishing the context: Stakeholders, requirements, objectives, criteria, scope.
- Identifying risks: Assets, risk events and sources, existing security measures, consequences.
- Risk analysis: Consequences, probability, risk level.
- Risk assessment: Risk assessment and prioritization criteria.
- Risk mitigation: Activities, options, mitigation plan, residual risk.
- Accepting risk and managing residual risks.
- Communication and cooperation on risks: Communication plan.
- Risk tracking and review. Continuous improvement of risk management.
Case study : Establishing the context. Risk analysis. Risk mitigation option. Risk monitoring.

3) Risk assessment techniques
- Risk assessment techniques based on ISO/IEC 31010.
- Brainstorming, decision tree, bowie, AIA, FMEA, FMECA, causes-effects, consequence/likelihood matrix.
Case study : Applicable techniques for risk identification and assessment.

4) Certification exam
- Overview of the ISO 31000 PECB certification scheme.
- Fundamental principles and concepts of risk management.
- Risk management framework and process.

- Risk management techniques according to ISO/IEC 31010.
Exam : The seven competency domains are covered by the exam.

DATES

REMOTE CLASS
2025 : 26 Mar, 04 Jun, 10 Sep, 17
Dec