

Nitroxis

Partner/Reseller Training Catalogue 2020 - V3.10

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The Agile Corner

Introduction to Agility (FR)

Description

Agility and its related techniques, considered by some as the new Project Management Paradigm, are often view as an alternative to “classic” methodologies such as PRINCE2 or PMBOK. These techniques can help organizations to concrete their projects, organize their work, their business.

In this 1-day training, the attendees will discover the Agile Manifesto by themselves, learn how and why it has emerged. They will also experiment some Serious Games which will team them to live the Agility and understand the merits of this set of values and principles.

Objectives

At the end of the training, the attendees will be able to:

- Understand the concept of changing environment
- Understand the fundamentals of the Manifesto for Agile Software Development
- Understand the benefits of Agility
- Apply the Agile principles in several contexts
- Understand the main principles of:
 - The Scrum framework
 - The Kanban Method

Target Audience

Everyone

Prerequisites

None

Course Content

- Agile Manifesto: let’s think about it together (the Why)
 - The origins
 - The brainstorming
 - The mindset
 - The movement
- Applying the mindset (the How)
 - The Scrum Framework
 - The Kanban Method

Scrum Projects Management (FR)

Description

The 2-day "Scrum Projects Management" course allows participants to quickly dive into the universe of Scrum. This two-day course is delivered with many practical workshops that simulate the reality of an Agile project using Scrum. Guided by an expert that actively coaches development teams who are using Scrum every day, participants will experience the different meetings and will also learn to produce the various artefacts used by the Scrum framework.

Objective

Experiment the execution of a Scrum project—During a practical exercise, each participant plays the role of a member of the Scrum team. Discuss with an Agile expert—During the course, the trainer asks questions to verify that participants understand the concepts presented. The trainer also shares their work experience and answers questions about the participants' specific contexts.

Participants will learn to:

To understand the philosophy behind Agile approaches, more specifically the Scrum framework:

- Describe the values and principles of the Agile manifesto
- Determine the deliverables, activities, and roles according to the Scrum Guide from Scrum.org
- To apply the basics of Agile project management and, more specifically, to understand how to clarify and use the project vision to create the basic elements required to launch a project:
 - build an initial product backlog
 - organize the development according to the business value
 - write backlog items that are compatible with the management of a Scrum product backlog
 - establish an iterative and incremental release plan
 - mitigate risks by regularly inspecting and adapting development practices and deliverables

Target Audience

Project managers, product managers as well as architects, developers, and quality assurance specialists looking to implement a simple approach that contains all benefits of the Agile development.

Prerequisites

Have a basic knowledge of Agility or have followed the training – **Introduction To Agility**

Before Class

Read the Scrum Guide.

Course Content

Introduction to Agile values and principles

Steps to kick-off an Agile project

How to write a project charter

Roles of the Product Owner, the development team, and the Scrum Master

How to create an initial product backlog

How to create specifications for backlog items, success criteria, and a definition of "done"

How to set up a team for an Agile project (the basics)

Agile estimation and planning (Planning Poker® from Mountain Goat Software)

Using story points to estimate relative complexity

Release burndown chart

Sprint burndown chart

Scrum task board

What happens during sprints

Sprint planning meeting

Daily scrum meeting

Sprint review meeting

Sprint retrospective meeting

Product backlog grooming session.

Management 3.0 – Jurgen Appelo Certification (FR)

Objective

This 2-day Foundation workshop aims at helping people become better managers and better workers. It's filled with games, tools and hands-on practices to learn how to build highly motivated, self-organizing teams (that can do more with less and thrive under change).

Management 3.0 Foundation Workshops are all about principles and practices. Combining the best of classical thinking with a fresh approach and new insights. All embedded in a social context and in the networked businesses we work in today.

Much of our Management 3.0 Foundation workshops include storytelling from employees and managers sharing their own experiences. Because of this, each Management 3.0 leadership training is different as each person that wants to change management is different.

Target Audience

-Highly recommended for all change managers, Team leaders, Projects managers, Development Directors Scrum masters, Agile Coaches, Product managers and product owners who want to improve their leadership skills.

-For teams under ever-increasing pressure to get more done with less people and resources.

-For Project managers with multiple teams that need to share knowledge and work together towards shared goal.

-For Agile Trainers and Facilitators

Prerequisites

No practical experience with Agile approaches is necessary. It can however be useful to know Agile principles and practices.

Course Content

- Performance management
- Team collaboration and project management
- Employee empowerment
- Developing purpose and value inside an organization
- Organizational hierarchy
- Competence development
- Agile methodologies
- Self-organization and delegation

- Change management and organizational transformation
- Extrinsic motivation vs. intrinsic motivation

Certification

- Participants receive an official attendance certificate from Management 3.0
- Participants can follow their own path and become also Facilitator and deliver the training afterwards.

Fish! (FR/EN/NL)

Fish! - spreading delight, energy and fun amongst your coworkers and customers. This 1-day course will be highly interactive with a good balance between exercises and theory. Be prepared to be surprised and acquire a huge load of new skills you can put in practice right away. This course will be held in a safe and great atmosphere to maximize the learning. If you have any special wishes for the event let us know, we are here to make it a splendid experience.

Course Details

Struggling with team collaboration, customer focus, low morale, ...? Learn to apply the Fish! Philosophy to turn it all around.

We've seen it in a lot of organizations. The words fun and play are frowned upon. People talk about that team that seems to be laughing all the time. How the hell do they get any work done? And then you take a closer look. And that laughing team is actually working. And working well. And delivering quality!

During this one day course, you'll find out why this happens, and how to achieve it in YOUR organization.

Commitment, courage, focus, openness and respect - the Scrum Values - can make or break your team, even your organization. Fish! inspires team members to use their powers to make an incredible difference for their customers and coworkers. Fish! helps you improve any culture issue—morale, teamwork, engagement, motivation, customer focus, giving and receiving feedback and change.

Similar to the agile values, the FISH! Philosophy empowers team members to be more effective in their job - in any job. When all team members live the philosophy, they improve their (work) relationships and create better results. The foundation any team needs to excel is trust. And Fish! strengthens this trust between all team members and customers.

Using the four pillars of Be There, Play, Make Their Day, and Choose Your Attitude, the Fish! Philosophy helps you achieving your goals: lack of engagement? The FISH! Philosophy empowers people to bring all of their gifts and talents to work. Lack of customer focus? The FISH! Philosophy helps by focusing on their needs, having fun in a way that enhances their experience, and being real. Lack of trust and teamwork? The Fish! Philosophy helps building trust by being there for those who need you, being accountable for how you treat them, and sharing moments of joy.

In many teams and organizations fun is still seen as opposite to work. It is important to assure team members that a lively, personal atmosphere is favored and laughing is explicitly allowed. Fish! will motivate you to be yourself at work... In this one-day workshop we will dive into the four behavioral principles the Fish! Philosophy contains showing that when interacting with colleagues and customers commitment and joy are reinforcing forces.

Course topics

The workshop places great emphasis on learning by experiencing and on conversations to get you started applying the four Fish! pillars.

- Context is decisive
- Desired experience
- Passion and duty
- Experiencing and conversation about spearhead "Play"
- Experiencing and conversation about spearhead "Be There"
- Experiencing and conversation about spearhead "Make Their Day"
- Experiencing and conversation about spearhead "Choose Your Attitude"
- And from now on...?

And of course a number of techniques to actually put all of this into practice!

Professional Scrum Foundations (EN/FR/NL)

Course Details

Professional Scrum Foundations provides you the foundational skills and knowledge you need to know and understand to work with Scrum in a highly practical way. The Professional Scrum Foundations class focusses on gaining a clear understanding of the mechanics of Scrum and their coherence from the empirical foundation of Scrum.

Scrum.org selects only the most qualified instructors to deliver this course. Scrum.org maintains the defined curriculum and materials to assure consistency and quality for students worldwide.

Course topics

Fundamentals of Scrum / The Scrum Framework / Mastering Scrum / Planning with Scrum /Getting started / Keeping Scrum healthy

Objectives

Students will have a clear understanding of the foundational elements of Scrum and their coherence. Students will experience the Scrum framework and will gain insights into overcoming complexity. Students will understand that team-based collaboration and self-organization are essential elements in mastering Scrum. Students will be exposed to common missteps and misunderstandings so students grow a higher awareness of the associated symptoms, while the class guidance will avoid going off track and keeping Scrum healthy. Students will be able to be effective members of a Scrum Team or be able to support those who are on a Scrum Team.

Target Audience

For anyone interested in being part of, collaborating with, or growing and leading a Scrum Team.

The Professional Scrum Foundations class is excellent for organizations, teams and anyone wanting to experience the way of working in Scrum.

The course does provide the foundation of knowledge needed for role-focused training for Product Owners, Scrum Masters, Developers, and Leaders within the organization.

Whether you are getting started on your first Scrum effort or refreshing your knowledge, this course gives students the knowledge and direction to start using Scrum immediately after the class.

Format

Students work together as a team in a series of Sprints to build a product, thereby facing real-life problems. Students will actively work with a realistic Product Backlog, decompose requirements into actionable Product Backlog items, estimate Product Backlog items and planning a Sprint, review the work done in a Sprint and retrospect to find valuable improvements. For building the product, be sure to bring a laptop or tablet with an application installed that allows to create webpages (i.e. save your work in html format, for example MS Word, Google Docs, etc.).

This course will be taught in English.

Prerequisites

No particular knowledge is required, although you make the most of the class if you:

Have studied the Scrum Guide / Took the Scrum Open assessment.

Assessment and Certification

The Professional Scrum Foundations course has the Professional Scrum Master level I (PSM I) credential associated with it. All participants completing the Professional Scrum Master course receive a password to take the PSM I assessment. PSF class participants who attempt the PSM I assessment within 14 days of receiving their free password and do not score at least 85% will be granted a 2nd attempt at no additional cost. This industry-recognized certificate require a minimum passing score on the associated rigorous assessment. Scrum.org maintains public lists of all PSM I certificate holders. Students are able to claim Project Management Institute (PMI) PDU credits: 14 PDUs after attending a two-day Professional Scrum Foundations (PSF) course. Please note that PMI PDUs are earned for course attendance and not for passing a PSM I assessment. Students can claim PDUs under PMI's "Education courses provided by other third-party providers" category.

Professional Scrum Master I (EN/FR/NL)

Course Details

Professional Scrum Master is the cutting-edge course for effective Scrum Masters and for anyone coaching a software development team toward increased efficiency and effectiveness. The course includes advanced thinking for host-leadership and behavioral shifts.

Scrum.org selects only the most qualified instructors to deliver this course.

Scrum.org maintains the defined curriculum and materials to assure consistency and quality for students worldwide.

Course topics

- Scrum theory and principles
- The Scrum Framework
- The Definition of Done
- Running a Scrum project
- Working with people and teams
- Scrum in your organization
- The role of the Scrum Master

Objectives

Students are challenged to think within the Scrum Framework and the underlying values and principles to better understand what to do when returning to the workplace and facing complex decisions. Students will have a clear understanding of the rules of Scrum through the empirical foundation of Scrum. Students can act as a Scrum Master for Scrum Teams as well as stakeholders from an in-depth understanding of host-leadership. Students are effectively be able to start up Scrum or increase its effectiveness if already underway.

Target Audience

The training may be interesting to all involved in software development upon the Scrum framework, but has been specifically conceived for those responsible for the successful use and/or rollout of Scrum.

Format

Students work in teams. They learn through team assignments, discussions and hands-on exercises. This course will be taught in English.

Prerequisites

Attendees make the most of the class if they:

Have studied the Scrum Guide (required).

Passed the Scrum Open assessment.

Have a solid understanding of Scrum either through working on a Scrum Team, or through taking part in a Professional Scrum Foundations or similar course. Have been on or are closely involved in building or enhancing a software product or application.

Have read one of the Scrum books of Ken Schwaber or the book “Scrum – A Pocket Guide” by Gunther Verheyen.

Assessment and Certification

The Professional Scrum Master course has two associated credentials : Professional Scrum Master level I (PSM I) and Professional Scrum Master level II (PSM II). All participants completing the Professional Scrum Master course receive a password to take the PSM I assessment and are entitled to a discount on the PSM II assessment. These industry-recognized certifications require a minimum passing score on the associated rigorous assessment. Scrum.org maintains public lists of all PSM I certificate holders and PSM II certificate holders. Microsoft® uses the PSM I assessment to validate knowledge as part of its Silver and Gold Application Lifecycle Management (ALM) competencies. Students are able to claim Project Management Institute (PMI) PDU credits: 14 PDUs after attending a two-day Professional Scrum Foundations (PSF) course. Please note that PMI PDUs are earned for course attendance and not for passing a PSM I assessment. Students can claim PDUs under PMI's "Education courses provided by other third-party providers" category.

Professional Scrum Master II (EN/FR/NL)

Course Details

Advance your Scrum Master skills! No doubt you have faced tough challenges that left you wonder. Now take a deep dive into your role as a Scrum Master. How can you serve your Development Team, Product Owner, and the wider organization better?

The PSM II is an advanced course that will raise your understanding of the stances that characterize an effective Scrum Master and Servant Leader. The class will teach you about complementary practices and the needed skills to enable you to have the right types of conversations and how to apply them to become an even better Scrum Master. Unlike the Professional Scrum Master (PSM) course which, mainly from a Scrum Master perspective, focuses on how to use Scrum, the Scrum framework and the role of the Scrum Master within it, the PSM II aims to clarify the desired mindset and behavior that is necessary to become an effective Scrum Master.

Course Topics

Scrum? Not Scrum?

The broad role of the Scrum Master - stances and skills

Serving the Development Team better

Serving the Product Owner better

Serving the Organization better

Throughout these modules you will learn about areas critical to growing as a successful Scrum Master. You'll learn how the principles and values of Scrum help guide Scrum Masters in the decisions they make and how the Scrum Master can help change the environment of Scrum Teams, creating an environment for agility to thrive. The Scrum Master role is complex and often, a Scrum Master must be able to apply different stances in order to be effective, such as teacher, coach & mentor, facilitator and change agent.

As a Scrum Master, part of your role is to help management and other stakeholders across your organization understand the benefits of Scrum and Agile. Therefore, it is imperative that you have the information and background that is needed to gain credibility in order to be an effective change agent. Throughout the class, we will provide stories, exercises, facilitation techniques, resources and more that will give you just that. There will also be time to provide peer-coaching on challenges that you and your classmates may be experiencing today.

Objectives

The objectives of the PSM II class are to help you learn:

What practices, tools, skills and stances make an effective Scrum Master
How the Scrum principles and values help guide Scrum Masters in the decisions they make

How the Scrum Master acts as a servant-leader and improves their ability in this role
What the Scrum Master can do to support Development Teams and Product Owners to become more effective.

Ways that the Scrum Master can help to change the environment making it more conducive for Scrum Teams to be successful with greater agility.

Provide tips and techniques for the Scrum Master to work with the rest of the organization in support of their Scrum Teams

Target Audience

You have at least one year of experience as Scrum Master and you want to step up your game as a Professional Scrum Master? Then this is the training you are looking for.

Format

The PSM II class is designed to be by Scrum Masters for Scrum Masters. Through facilitating, teaching, coaching and mentoring, together with the other students you will discover and achieve the learning objectives together.

Prerequisites

Attendees make the most of the class if they:

Have a thorough understanding of the Scrum framework through practical experience (required). It is strongly recommended to have at least one year of Scrum Master experience.

Have studied the Scrum Guide (required).

Passed the Scrum Open assessment and the Product Owner Open assessment.
Have taken part in a Professional Scrum Master (PSM) course or similar course.

Assessment and Certification

The Professional Scrum Master II (PSM II) course is an advanced Scrum Master class designed to support Scrum Masters in their professional development. Upon completing the Professional Scrum Master II course you will receive a password to attempt the PSM II assessment.

If you pass the assessment, you will gain the industry recognized PSM II certification. This certification doesn't expire and makes you part of an elite community of less than 1,800 PSM II badge holders worldwide.

You will also be entitled to a 40% discount on the PSM III assessment. Students attending Scrum.org training classes learn the importance of inspection, adaptation, and fast feedback cycles. To reinforce those concepts, if you attempt the PSM II certification assessment within 14 days after the class but do not achieve a score of at least 85% you will be given a 2nd attempt at no cost. Students are able to claim Project Management Institute (PMI) PDU credits: 14 PDUs after attending a two-day Professional Scrum Master II (PSM II) course. Please note that PMI PDUs are earned for course attendance and not for passing a PSM II assessment. Students can claim PDUs under PMI's "Education courses provided by other third-party providers" category.

Professional Scrum Product Owner (EN/FR/NL)

Description

With the “Professional Scrum Product Owner” (PSPO) course, you learn the basics of Scrum and the role of the PO in order to maximize your return on investment.

Professional Scrum Product Owner is THE cutting-edge course for effective Product Ownership. It explores the worldwide challenge that many Scrum implementations run into, i.e. how should business people and product managers engage in Scrum and collaborate with Scrum Development Teams?

The Professional Scrum Product Owner class focuses on the core expectation for Product Owners to maximize the value of the work done for a software product, thereby serving customers, users and the organization.

Scrum.org selects only the most qualified instructors to deliver this course.

Scrum.org maintains the defined curriculum and materials to assure consistency and quality for students worldwide.

Objective

The PSPO course teaches people how to maximize the return on investment (ROI) and optimize the total cost of ownership (TCO) of products and systems. Agile product ownership today requires more than knowledge of how to write a user story or manage a product backlog. Professional Product Owners need to have a concrete understanding of everything that drives value from their products. PSPO helps participants develop and solidify this understanding from early stakeholder management to release planning and delivery.

Students are challenged to think in terms of Scrum and the Scrum principles to better understand what to do when they return to their workplaces. Students will have a clear understanding of the mechanics of Scrum and how the role of the Product Owner fits in.

Students can act as a Product Owner for Scrum Teams and stakeholders. Students can effectively increase the business agility of their organization

Course topics

- Value driven development
- The Scrum framework
- Product Management
- Managing Requirements, Products and Releases
- The Scrum Product Owner

Target Audience

The training may be interesting to all involved in software development upon the Scrum framework, but has been specifically conceived for those responsible over products from a business perspective and taking up the highly accountable role of Scrum Product Owner

Format

Students work in teams. They learn through team assignments, discussions and hands-on exercises. This course will be taught in English.

Prerequisites

Attendees make the most of the class if they:

Have studied the Scrum Guide (required). Passed the Scrum Open assessment.

Have a solid understanding of Scrum either through working on a Scrum Team, or through taking part in a Professional Scrum Foundations or similar course.

Have been on or are closely involved in building or enhancing a software product or application using Scrum.

Have read one of the Scrum books of Ken Schwaber or the book “Scrum – A Pocket Guide” by Gunther Verheyen.

Assessment and Certification

The Professional Scrum Product Owner course has two associated credentials: Professional Scrum Product Owner level I (PSPO I) and Professional Scrum Product Owner level II (PSPO II).

All participants completing the Professional Scrum Product Owner course receive a password to take the PSPO I assessment and are entitled to a discount on the PSPO II assessment.

These industry-recognized certifications require a minimum passing score on the associated rigorous assessment. Scrum.org maintains a public list with everyone holding a PSPO I and PSPO II credentials.

(NEW) Professional Scrum Product Owner - Advanced (EN/FR/NL)

Mastering the product owner stances

This 2-day Professional Product Owner - Advanced (PSPO-A) course focuses on helping experienced practitioners expand their ability to establish a solid vision, validate their hypotheses, and ultimately deliver more value to their stakeholders. The PSPO-A course is intended for Product Owners who are looking to grow their knowledge and abilities. The course goes beyond the topics explored in the Professional Scrum Product Owner (PSPO) class by deepening the attendee's understanding of the role through the exploration of the many stances of a professional Product Owner.

What you will learn

The Product Owner's role is multifaceted, requiring the practitioner to engage in behaviors and adopt mindsets beyond the core of Agility and the Scrum Framework. This course surfaces these behaviors by challenging the student to adopt several different Product Owner stances:

Customer Representative - focused on understanding customer problems, challenges and potential opportunities

Visionary - communicating the vision, future state and possibilities in ways that foster common understanding

Experimenter - focusing on innovation, hypothesis testing and validating potential value to spark product innovation

Influencer - communicating with and influencing stakeholders, customers and the Scrum Team to act with common purpose

Collaborator - seeking input, ideas and feedback from others

Decision Maker - focusing on creating maximum impact by making clear choices and decisions

Over the 2 days, students will learn about areas critical to growing as a successful Product Owner and through a series of exercises combined with instruction, students gain a better understanding of what it means to deliver value and how to express that value inside and outside of the organization.

Course Format

This course is an interactive, experiential, no-slideware workshop where attendees explore topics through a series of exercises and discussions.

Course Objectives

Practicing Product Owners will learn different stances a Product Owner takes in order to navigate everyday challenges.

Attendees leave knowing how to best identify and serve various groups of stakeholders and what competencies are expected. In order to aid in this journey, modern complementary practices will be introduced through discussions, case studies, and exercises.

Students will leave with a clear path to moving forward in their Product Owner journey.

Gain a better understanding of how to use vision, value, and validation to create a competitive advantage for any product.

Learn about the various types of stakeholders that Product Owners represent and how to best work with them.

Who should attend

The Professional Product Owner-Advanced course is an advanced course specifically designed for Product Owners and product managers who have practical experience managing or owning a product.

It is also beneficial to Scrum Masters and stakeholders who work with Product Owners. It is particularly beneficial for those with at least one year of building products with a Scrum Team.

Course Topics

Understanding your products

Who are your customers?

Connecting product features to customer outcomes

Communicating the product vision and strategy

Value and pricing models

Innovation and experimentation

Stakeholders and stakeholder management

Agile governance, budgeting and contracting in relation to Scrum

Scaling the Product Owner role

Prerequisites

Have studied the Scrum Guide

Students should have at least one year of Product Owner experience and a practical knowledge of Scrum in order to participate in and benefit from these exercises.

Having previously taken the PSPO class is recommended, but not required.

Professional Scrum Product Owner Certification

All participants completing the Professional Scrum Product Owner Advanced course will receive a password to attempt the Professional Scrum Product Owner II (PSPO II) certification assessment. PSPO-A class participants who attempt the PSPO II assessment within 14 days of receiving their free password and do not score at least 85% will be granted a 2nd attempt at no additional cost.

And participants are also entitled to a 40% discount on the PSPO III assessment.

Professional Scrum with UX (EN/FR/NL)

Course Details

Professional Scrum with UX bridges the gap between Scrum, User eXperience and Design practices. The Professional Scrum with UX class focusses on learning how to integrate modern UX practices into the way you and your team are working in Scrum and how to work most effectively within Scrum teams. Scrum.org selects only the most qualified instructors to deliver this course. Scrum.org maintains the defined curriculum and materials to assure consistency and quality for students worldwide.

Course topics

Understand how Scrum with UX enhance continuous learning / Framing work as problems to solve / Outcomes over outputs / Managing UX work in Scrum /Focus on users/ Experimentation

Objectives

Students will learn UX techniques that work most effectively with Scrum Teams. Students will also learn practical tools and practices to best work with customers and their feedback to deliver higher value in the customer's eyes. Students will understand how to reconcile UX work with Scrum essentials such as the Definition of "Done",

Product Backlog ordering and delivering “Done” Increments every Sprint. Students will learn how to handle design work that may extend beyond a single Sprint, continuing to deliver value each and every Sprint using Scrum.

Target Audience

Scrum Masters, Product Owners and anyone involved in delivering the product (engineers, product managers, etc.) as technology teams work better when they're collaborating across disciplines and specialties.

People who know UX will learn how to work more effectively inside Scrum, managing work in Sprints and visualizing it in the Product Backlog.

Format

Students work in teams. They learn through team assignments, discussions and hands-on exercises.

This course will be taught in English.

Prerequisites

Attendees make the most of the class if they:

Have studied the Scrum Guide (required). Passed the Scrum Open assessment.

Have a solid understanding of Scrum either through working on a Scrum Team, or through taking part in a Professional Scrum Foundations or similar course. Have been on or are closely involved in building or enhancing a software product or application. Have read one of the Scrum books of Ken Schwaber or the book “Scrum – A Pocket Guide” by Gunther Verheyen.

Assessment and Certification

The Professional Scrum with UX class has the PSU I credential associated with it. All participants completing the Professional Scrum with UX class receive a password to take the PSU I assessment. Class participants who attempt the PSU I assessment within 14 days of receiving their free password and do not score at least 85% will be granted a 2nd attempt at no additional cost. This industry-recognized certificate requires a minimum passing score on the associated rigorous assessment. Scrum.org maintains public lists of all PSU I certificate holders. Students are able to claim Project Management Institute (PMI) PDU credits: 14 PDUs after attending a two-day Professional Scrum with UX class. Please note that PMI PDUs are earned for course attendance and not for passing a PSU I assessment. Students can claim PDUs under PMI's "Education courses provided by other third-party providers" category.

The Blockchain Corner

Blockchain Essentials for decision makers (EN)

In partnership with the Blockchain Academy® whose mission consists in supporting decision makers and their teams in acquiring a fundamental understanding of the Blockchain phenomenon and becoming autonomous in their reasoning on the Blockchain subject. The Blockchain Academy® proposes an extensive range of Blockchain related courses categorized in 3 modules: Blockchain Fundamentals, Blockchain Implications and Blockchain Implementations. The Blockchain Academy® wants to take part in the formation of the Blockchain-future by delivering commercially neutral courses, allowing leaders to prepare for the near future and act on the subject of Blockchain

Summary

The training treats a large range of topics from Blockchain's history to its design, functioning, business implications, applications, smart contracts, crypto assets and Blockchain roadblocks. An interactive creative session handles the Blockchain features and characteristics by combining them into innovative use cases.

Who should attend?

Non-technical, corporate decision makers and their teams, government agencies, policy makers, investors

Learning objectives

This one day Blockchain training program has ONE SINGLE OBJECTIVE: acquire a fundamental understanding of what Blockchain is and develop autonomy in one's reasoning on the subject of Blockchain.

Course Agenda

Blockchain Fundamentals

The Basics

Protocol Design Principles

Individual Independency

Collective agreement

Wallets, Nodes & Miners

Consensus Creation

Identification & Ownership

Digital Signatures, Authenticity & Integrity

Tokens of Ownership

Smart Contracts

Oracles

Decentralized Applications & Organizations

Blockchain Simulation (Bring your laptop!)

Hash, Nonce, Trial & Error

Hash Chains & Chain Immutability

Transaction Signing

Blockchain Operational Overview

Blockchain Simulation (bring your laptop!)

Role of a Wallet

Role of a Node

Role of a Miner

Blockchain's Core Value Proposition

Power of Incentives

Transaction Costs

The Internet of Value

Value through collaboration

Blockchain Functionalities & Features

Creative with Blockchain in Business

Processes & Product Development

Crypto Assets

Token Evolution

Initial Coin Offerings / Token Generation

Events / Security Token Offerings

Utility Tokens: New Market Signaling

Mechanism

Blockchains

Public vs Private Blockchains

Short Term vs Long Term Business

Considerations

Do I Need a Blockchain?

Meunier Model

RMIT Model

Blockchain Initiatives

European Commission

Rest of the World

Prerequisites

None, entry level

Educational approach

This training is based on both theory and practice

The objective is realized through a balanced mix of theoretical interactive sessions and hands-on Blockchain experiments with a Blockchain Serious Game and a Blockchain Simulation, allowing the participants to absorb the fundamental nature of Blockchain and grasp the functioning of Blockchain wallets, nodes and miners.

To benefit from the practical exercises, the number of training participants is limited to 10.

General Information

You need an individual laptop with internet connection or a Workstation.

Slides are in English.

Introduction to Blockchain (EN)

Objective

This 2 day Blockchain training program has One Single Objective: acquire a fundamental understanding of what Blockchain is and develop autonomy in one's reasoning on the subject of Blockchain.

The objective is realized through a balanced mix of theoretical interactive sessions and hands-on Blockchain experiments with a Blockchain Serious Game and a Blockchain Simulation, allowing the participants to absorb the fundamental nature of Blockchain and grasp the functioning of Blockchain wallets, nodes and miners.

The training treats a large range of topics from Blockchain's history to its design, functioning, business implications, applications, smart contracts, crypto assets and Blockchain roadblocks. An interactive creative session handles the Blockchain features and characteristics by combining them into innovative use cases.

Target Audience

Non-technical, corporate decision makers and their teams, government agencies, policy makers, investors.

Prerequisites

None, entry level

Language

English

Material needs

Individual laptop with internet connection

Course Content

Day 1:

Blockchain Background

Traditional Transaction Databases

Fundamental Trust Problem & Trusted Third Parties

Centralised Transactional Consensus

Infrastructure & Protection

Features of Centralised Consensus

Drawbacks of Centralised Consensus

Blockchain Emergence

Early Research: Failures & Successes

Key Ideas Leading up to Bitcoin
Satoshi Nakamoto: Solution to Double Spending Problem
Blockchain Terminology
A Brief History of Blockchain Since Bitcoin

Blockchain Serious Game

Economy, Money & Pricing
Ownership Rights & Proof of Ownership
Trusted Social Environments, Central Databases, Blockchains
Creating Your Own Blockchain with Paper & Plastic Boxes
 Creating Transactions
 Digital Signatures
 Pool of Unconfirmed Transactions
 Verifying New Transactions
 Creating Consensus and Mining Race
 New Blocks: Verification of the Nonce
 Sealing Your Blockchain
 Proofing Your Ownership

Understanding Blockchain Functioning

Basic Elements
 What is Blockchain?
 Infrastructure & Content Creation
 Protection
Protocol Design Principles
 Individual Independency
 Collective Agreement / Consensus
 Proof of Work, Majority voting & Longest-Chain
 51% Attack
 Mining Reward
Integrity

Open Source & Game Theoretic Aspect
Integrity Alerts
Possible & Impossible Dishonest Behavior

Protocol Functions

Wallets
Nodes
Miners

Features of Consensus Creation

Identification & Ownership

Public-Private Key Pairs, Digital Signatures & Authenticity
Transaction Authorization
Tokens of Ownership
Smart Contracts
Definition
Oracles
DAPPs & DAOs

Intersection Between Blockchain Technology & Legal Compliance

Relativity of Guarantee of Registry
Liability & Blockchain's Borderless Nature
GDPR & Blockchain's Immutable Nature
Crypto-Assets & Security Offering Regulation

Day 2:

Blockchain Simulation

Hash, Nonce, Trial & Error
Blockchain Operational Overview
Online Blockchain Simulation
Role of a Wallet
Role of a Node
Role of a Miner

Business Implementation Considerations

Blockchain Functionalities & Features
Blockchain Implementations: Creative with Functionalities & Features

High Level Implementation Considerations
Short Term Business Considerations

Crypto-Assets

Definitions

Token Generations

Initial Coin Offering / Security Token Offering / Token Generation Event

Utility Tokens: Paradigm Shift

TGE Launch Process

TGE Advantages & Disadvantages

Case Studies

Axa: Flight Delay Insurance

Ibisa: Mutual Micro Farming Insurance

Bext360: Coffee on The Blockchain

Nightfall: Business on Ethereum

Do I Need a Blockchain?

Suichies Model

Meunier Model

RMIT model

The Cloud Corner

Amazon Official Trainings

(NEW) AWS Cloud Practitioner essentials (FR/EN)

In this 1-day, digital, self-paced course, you'll gain an overall understanding of AWS Cloud, independent of specific technical roles. It provides a detailed overview of cloud concepts, AWS services, security, architecture, pricing, and support. This course also helps you prepare for the AWS Certified Cloud Practitioner exam.

Course objectives

In this course, you will learn how to:

Define what the AWS Cloud is and the basic global infrastructure

Describe the key services on the AWS platform and their common use cases

Describe basic AWS Cloud architectural principles

Describe basic security and compliance aspects of the AWS platform and the shared security model

Define the billing, account management, and pricing models

Identify sources of documentation or technical assistance (e.g., whitepapers, support tickets)

Describe the AWS Cloud value proposition

Describe basic/core characteristics of deploying and operating in the AWS Cloud

Intended audience

Sales

Legal

Marketing

Business analysts

Project managers

C-level executives

AWS Academy students

Other IT-related professionals

Schedule

Cloud Concepts Introduction

AWS Core Services

AWS Enhanced Services

AWS Architecting

Security

Pricing and Support

AWS technical essentials (FR/EN)

In this 1-day official training introductory course, you will learn about AWS products, services, and common solutions. You will learn the fundamentals of identifying AWS services so that you can make informed decisions about IT solutions based on your business requirements.

Course Objectives

In this course, you will learn to:

- Terminology and concepts related to the AWS platform
- How to navigate the AWS Management Console
- Key concepts of AWS security measures and AWS Identity and Access Management (IAM)

Key AWS Services Included

-Foundational services: Amazon Elastic Compute Cloud (EC2), Amazon Virtual Private Cloud (VPC), Amazon Simple Storage Service (S3), and Amazon Elastic Block Store (EBS)

-Database services: Amazon DynamoDB and Amazon Relational Database Service (RDS)

-Management services: AWS Auto Scaling, Amazon CloudWatch, Elastic Load Balancing (ELB), and AWS Trusted Advisor

Intended Audience

This course is intended for:

-Individuals responsible for articulating the technical benefits of AWS services to customers

-Individuals interested in learning how to get started with AWS

-SysOps administrators, Solutions architects, Developers

Prerequisites

Working knowledge of IT infrastructure concepts and Familiarity with basic IT security concepts.

AWS business essentials (FR/EN)

In this 1-day official course, you will learn about the benefits of cloud computing and how a cloud strategy can help you achieve your business goals. This course covers the benefits that cloud computing can bring to your business and the basics of AWS, including the financial benefits. This course also introduces the concepts of compliance and security to help you consider integrating the AWS platform into your cloud computing strategy.

Course Objectives

At the end of this course, you will be able to:

identify the value and benefits of the AWS cloud

identify interesting ways you can use the AWS platform

understand the robust security capabilities, controls and assurances in place to

ensure data and network protection

define the financial impact that the AWS cloud can have on an organization's cost management, while minimizing the risks associated with consumption-based pricing models

Intended Audience

-IT business decisions makers and people who are just starting the AWS services

Architecture on AWS (FR/EN)

This 3-day official course covers the fundamentals of building IT infrastructure on the AWS platform. Students learn how to optimize the AWS Cloud by understanding how AWS services fit into cloud-based solutions. In addition, students explore AWS Cloud best practices and design patterns for architecting optimal IT solutions on AWS, and build a variety of infrastructures in guided, hands-on activities. The course also covers how to create fledgling architectures and build them into robust and adaptive solutions.

Course Objectives

In this course, you will learn to:

- Make architectural decisions based on AWS architectural principles and best practices
- Leverage AWS services to make your infrastructure scalable, reliable, and highly available
- Leverage AWS Managed Services to enable greater flexibility and resiliency in an infrastructure
- Make an AWS-based infrastructure more efficient to increase performance and reduce costs
- Use the Well-Architected Framework to improve architectures with AWS solutions

Intended Audience

This course is intended for: Solutions architects, Solution design engineers, anyone who needs to understand the scope of cloud architecture

Prerequisites

We recommend that attendees of this course have the following prerequisites:

- AWS Cloud Practitioner Essentials
- Working knowledge of distributed systems
- Familiarity with general networking concepts
- Working knowledge of multi-tier architectures
- Familiarity with cloud computing concepts

Course outline

This course covers the following concepts:

- The Well-Architected Framework
- Networking with AWS

-Core AWS concepts, knowledge, and services, including designing your environment and making your environment highly available

-Event-driven scaling

- Automation

-Decoupling

-Serverless designs

-How to grow your architecture from small to extremely large

Advanced architecture on AWS (FR/EN)

In this 3-day official course, you will build on concepts introduced in ***Architecting on AWS***. You will learn how to build complex solutions that incorporate data services, governance, and security on the AWS platform. You will also learn about specialized AWS services, including AWS Direct Connect and AWS Storage Gateway, that support hybrid architecture, and you will learn about best practices for building scalable, elastic, secure, and highly available applications on AWS.

Course Objectives

In this course, you will learn to:

- Apply the AWS Well-Architected Framework
- Manage multiple AWS accounts for your organization
- Connect an on-premises data center to the AWS Cloud
- Discuss billing implications of connecting multi-region VPCs
- Move large data from an on-premises data center to AWS
- Design large data stores for the AWS Cloud
- Understand different architectural designs for scaling a large website
- Protect your infrastructure from distributed denial of service (DDOS) attacks
- Secure your data on AWS with encryption
- Design protection of data at rest and data in transit
- Enhance the performance of your solutions
- Select the most appropriate AWS deployment mechanism

Intended Audience

- Individuals who are experienced with designing scalable and elastic applications on the AWS platform

Prerequisite

To attend this course, it is recommended to have taken the Architecture course on AWS.

Course Schedule

Day 1

AWS Account Policies

Advanced network architecture

Big Data Center Design for AWS

Day 2

Web-wide applications

Development of resilience

Full cloud security

Day 3

Encryption and key management on AWS

Security Data on AWS

Design to optimize performance

Certification

This training prepares you for the AWS Solution Architect Professional certification exam.

Developing on AWS (FR/EN)

In this 3-day official course, you will learn how to use the AWS SDK to develop secure and scalable cloud applications. We will explore how to interact with AWS using code and discuss key concepts, best practices, and troubleshooting tips.

Course Objectives

In this course, you will learn to:

- Set up the AWS SDK and developer credentials for Java, C#.NET, Python, and JavaScript
- Interact with AWS services and develop solutions by using the AWS SDK
- Use AWS Identity and Access Management (IAM) for service authentication
- Use Amazon Simple Storage Service (Amazon S3) and Amazon DynamoDB as data stores
- Integrate applications and data by using AWS Lambda, Amazon API Gateway, Amazon Simple Queue Service (Amazon SQS), Amazon Simple Notification Service (Amazon SNS), and AWS Step Functions
- Use Web Identity Framework and Amazon Cognito for user authentication
- Use Amazon ElastiCache to improve application scalability
- Use containers in the development process
- Leverage the CI/CD pipeline to deploy applications on AWS
-

Intended Audience

Intermediate-level software developers & Software design architects

Prerequisite

To attend this course, it is recommended:
to have solid knowledge in software development;
to master the concepts of cloud computing;
to have basic knowledge in .NET (C #) or Java.
No previous AWS experience is required.

Course Schedule

Day 1: Introduction and development around the data storage model

Introduction to AWS

Development overview on AWS

Introduction to IAM

Introduction to the development workshop

Development of storage solutions with Amazon S3

Day 2: Event development and data ingestion model

Development of flexible NoSQL solutions with Amazon DynamoDB

Developing solutions with AWS Lambda

Development of solutions with Amazon API Gateway
Development of solutions with Amazon SQS and Amazon SNS
Development of solutions with AWS Step Functions

Day 3:

Good development practices (Security, Performance, Resilience, Meters, Deployment)

Information caching to promote scalability

Getting started with containers

Develop secure solutions

Develop end-to-end applications

Certification

this course prepares for the associate level certification exam to obtain the AWS certified developer title

DevOps engineering on AWS (FR/EN)

The 3-day official course ***DevOps Engineering on AWS*** teaches you how to use the combination of DevOps cultural philosophies, practices, and tools to increase your organization's ability to develop, deliver, and maintain applications and services at high velocity on AWS. This course covers continuous integration (CI), continuous delivery (CD), infrastructure as code, microservices, monitoring and logging, and communication and collaboration. Hands-on labs give you experience building and deploying AWS CloudFormation templates and CI/CD pipelines that build and deploy applications on Amazon Elastic Compute Cloud (Amazon EC2), serverless applications, and container-based applications. Labs for multi-pipeline workflows and pipelines that deploy to multiple environments are also included.

Course Objectives

In this course, you will learn to:

- Use DevOps best practices to develop, deliver, and maintain applications and services at high velocity on AWS
- List the advantages, roles, and responsibilities of small, autonomous DevOps teams
- Design and implement an infrastructure on AWS that supports DevOps development projects
- Leverage AWS Cloud9 to write, run, and debug your code
- Deploy various environments with AWS CloudFormation
- Host secure, highly scalable, and private Git repositories with AWS CodeCommit
- Integrate Git repositories into CI/CD pipelines
- Automate build, test, and packaging code with AWS CodeBuild
- Securely store and leverage Docker images and integrate them into your CI/CD pipelines
- Build CI/CD pipelines to deploy applications on Amazon EC2, serverless applications, and container-based applications
- Implement common deployment strategies such as "all at once," "rolling," and "blue/green"
- Integrate testing and security into CI/CD pipelines
- Monitor applications and environments using AWS tools and technologies

Intended Audience

This course is intended for:
DevOps engineers/architects
Operations engineers
System administrators
Developers

Prerequisite

Working knowledge of programming languages (C #, java, Python, PHP, ..)
Knowledge in systems administration (via CLI)
Practical experience on AWS (Console and CLI)
Having followed the **Systems operations on AWS** or **Developing on AWS**

Certification

This course is not associated with any certification

System operations on AWS (FR/EN)

In this 3-day official course, you will learn how to create automatable and repeatable deployments of networks and systems on the AWS platform. We will explore the AWS features and tools related to, and best practices for, configuration and deployment.

Course Objectives

In this course, you will learn to:

- Use standard AWS infrastructure features such as Amazon Virtual Private Cloud (Amazon VPC), Amazon Elastic Compute Cloud (Amazon EC2), Elastic Load Balancing (ELB), and AWS Auto Scaling from the command line
- Use AWS CloudFormation and other automation technologies to produce stacks of AWS resources
- Build virtual private networks with Amazon VPC
- Deploy Amazon EC2 instances using command line calls and troubleshoot common problems with instances
- Monitor the health of Amazon EC2 instances and other AWS services
- Manage identity, AWS permissions, and security in the AWS Cloud
- Manage resource consumption in an AWS account using tags, Amazon CloudWatch, and AWS Trusted Advisor
- Determine the best strategy for creating reusable Amazon EC2 instances
- Configure a set of Amazon EC2 instances that launch behind a load balancer
- Troubleshoot a basic AWS CloudFormation stack definition

Intended Audience

- Systems administrators
- Software developers, especially those in a DevOps role

Course Schedule

Day 1

Overview of System Administrator Tasks in AWS

The Network in the cloud

Cloud computing

Day 2

Cloud storage and archiving

Cloud monitoring

Manage resource consumption in the Cloud

Day 3

Configuration management in the cloud

Creation of scalable deployments in the Cloud

Creation of automated and repeatable deployments

Prerequisite

Have experience with other development systems or systems administration. Experience in command line operating system maintenance (CLI) is desired; basic knowledge of TCP/IP and HTTP protocols is required

Certification

This training partially prepares for AWS Certified Sysops administrator - associate certification

Nutanix

Enterprise Cloud Administration 5.15 (FR/EN)

This 4-day official Nutanix Enterprise Cloud Administrator (ECA) 5.15 course enables administrators (system, network, and storage) to successfully configure and manage Nutanix in the datacenter. The course covers many of the tasks Nutanix administrators perform through the use of Graphical User Interfaces (GUIs) and command line interface (CLI's). It also provides insight into a Nutanix cluster's failover and self-healing capabilities, offers tips for solving common problems, and provides guidelines for collecting information when interacting with Nutanix Support.

Audience

Administrators, architects and business leaders who manage Nutanix clusters in the datacenter, managers and technical staff seeking information to drive purchase decisions and anyone who is seeking the Nutanix Certified Professional (NCP) certification.

Course Objectives

This training prepares you for the Nutanix Certified Professional (NCP) certification exam, which is the first level of Nutanix certification for professionals. Completion of this training is mandatory to validate your certification title.

Pre-requisite

To attend this Nutanix course in the best possible conditions, it is necessary to be familiar with traditional storage virtualization architectures, and have skills in Unix / Linux command line.

Included

- Include hand-on labs
- The price of the exam is NOT included in the training price.

Course Schedule

1: Introduction to Nutanix Enterprise Cloud Administration 5.15 - The section describes the Nutanix HCI solution, walks you through the components of the Nutanix Enterprise Cloud, and explains the relationship between physical and logical cluster components.

2: Managing the Nutanix Cluster - In this section, you will use the Prism console to monitor a cluster, configure a cluster using various interfaces, use the REST API Explorer to manage the cluster, and learn how to deploy Nutanix-specific PowerShell cmdlets.

3: Securing the Nutanix Cluster - This section shows how to secure a Nutanix cluster through user authentication, SSL certificate installation, and cluster access control.

4: Networking - This section explains how to configure managed and unmanaged Acropolis networks and describes the use of Open vSwitch (OVS) in Acropolis. You will learn how to display and manage network details, differentiate between supported OVS bond modes, and gain insight into default network configuration.

5: VM Management - This section shows you how to upload images, and how to create and manage virtual machines.

6: Health Monitoring and Alerts - In this section, you will use the Health Dashboard to monitor a cluster's health and performance. You will also use Analysis Dashboard to create charts that you can export with detailed information on a variety of components and metrics.

7: Distributed Storage Fabric This section discusses creating and configuring storage containers, including the storage optimization features: deduplication, compression, and erasure coding.

8: AHV Workload Migration Using Nutanix Move, this section shows how to migrate workloads to a cluster running AHV. This is followed by a lab where a VM running on a Nutanix cluster configured with ESXi is migrated to a Nutanix cluster running AHV.

9: Acropolis Services This section gives you detailed information on Nutanix Volumes, which provides highly available, high-performance block storage through a few easy configuration steps. It also discusses Nutanix Files.

10: Data Resiliency This section shows how Nutanix provides comprehensive data protection at all levels of the virtual datacenter: logical and physical.

11: Data Protection Data can be replicated between Nutanix clusters, synchronously and asynchronously. This section shows how to configure a Protection Domain (PD) and Remote Sites, recover a VM from a PD, and perform a planned failover of a PD.

12: Prism Central Having discussed and used Prism Element earlier, this section looks at the capabilities of Prism Central. With the added functionality provided by a Pro license, the focus is on features related to monitoring and managing multiple activities across a set of clusters.

13: Monitoring the Nutanix Cluster This section shows you where to locate and how to interpret cluster-related log files. In addition, you will take a closer look at the Nutanix Support Portal and online help.

14: Cluster Management and Expansion This section outlines essential life-cycle operations, including starting/stopping a Nutanix cluster, as well as starting/shutting down a node. You will also learn how to expand a cluster, manage licenses, and upgrade the cluster's software and firmware.

15: Remote Office Branch Office (ROBO) Deployments In this section, you will understand various configurations and requirements specific to a ROBO site. This includes hardware/software, Witness VM, networking, failure and recovery scenarios for two-node clusters, and the seeding process.

Length

4 days.

The Information Security Corner

Introduction Trainings (1 Day)

Preparation to the HDS Certification (EN/FR/NL)

The HDS certification (personal health data hoster – « Hébergeur de Données de Santé à caractère personnel »)

Objectives

This training will enable you to become acquainted with the concepts and good practices for the implementation and audit of the certification « Hébergeur de Données de Santé à caractère personnel », HDS, compliant with the French decree n° 2018-137 of February 26, 2018.

Educational goals

- Understand the key concepts, aspects and definitions of an HDS certification.
- Understand the challenges of implementing the ISO 27001, 27018 and 20000 prerequisites.
- Understand the link with the GDPR (General Regulation on Data Protection).
- Know the essential aspects of an HDS implementation and Certification Audit.

Training Approach and materials

- Theoretical and practical phases are organized alternately.
- Training can be given in both English, French and Dutch.
- Course materials are available in French or English.
- Statement of Applicability Template in French and English.
- A copy in French of the decree n ° 2018-137 of February 26, 2018.
- A copy in French of the HDS certification requirements and controls.
- A copy in French of the HDS accreditation reference.

Targeted audience

Responsible for the security of the information systems.

Responsible for the hosting of health data.

Responsible for the management system according to ISO 27001, 9001, 13485, etc.

IT Security Consultant.

DPO - Data Protection Officer

Prerequisites

No particular knowledge

Considering the context, a good knowledge of the French language is a bonus.

Introduction to managing Cybersecurity (EN/FR/NL)

A pragmatic 360° introduction to cyber security, GDPR, NIS and how to manage all this thanks to ISO 27001.

Objectives

You will acquire a sound management knowledge on cybersecurity that will allow you to apply appropriate measures to your IT security management, GDPR and NIS compliance.

Educational goals

Understand the appropriate management practices and measures for cybersecurity.
Understand the pragmatic key attention points of cybersecurity management.
Understand the dos and don'ts of :
integrating security with the family ISO 27000 standards;
integrating security into projects;
GDPR (EU Privacy regulation) and the fundamentals of privacy;
NIS (EU Cybersecurity regulation) and the fundamentals of cybersecurity;
Transforming into an organization where security enables your business;
Changing the organizational culture and awareness about security.

Training Approach and materials

Theoretical and practical phases are organized alternately.
Q&A sessions on all the course subjects.
Training can be given in English, French and Dutch.
Course materials are available in English, French and Dutch.

Targeted audience

Management professionals.
IT professionals.

Prerequisites

No particular knowledge

Length

1 day

Introduction to Cloud Officer (CSSF Circular 17/654 in Lux amended by CSSF 19/714) - (EN-FR)

This course aims to provide a general introduction to cloud computing, within the context of IT outsourcing. The goal is to prepare someone to assume the role of “Cloud Officer” as per CSSF Circular 17/654 and be responsible for the use of cloud services, understanding the competences of the staff managing cloud computing resources

Objectives

At the end of the training, participants will be able to:

- 1 describe different governance models supporting IT outsourcing to a public cloud provider
- 2 explain the different cloud platform service delivery models
- 3 describe how risk is managed within the context of a “shared security model” with a cloud provider

Outline

- The role of Cloud Officer
 - Risk Management (Territoriality,...)
 - GDPR journey
 - Outsourcing Framework
 - Governance
- Sourcing Models
- Overview of Cloud Technologies
- Cloud risks (and shared security/Responsibility models)
- Vendor/Supplier Management/Third Party Risk Management
- Notification to the CSSF (authorization request, discontinuation, etc.)
- Applicability of the Circular
- Requirements of the CSSF
 - Proportionality
 - Signatory
 - Resource Operation
 - (IT) GRC (Governance Risk Compliance)
 - Client Notification and Consent
 - GDPR
 - ISCR complies with data protection regulations
 - Necessity to inform the Competent Authority
 - Management of outsourced risks
 - Business Continuity
 - System Security
 - Monitoring Activities
 - Contractual Clauses
 - Right to Audit
 - Performance of the right to audit
 - Establishing and completing the Register
 - Particular case of Investment fund managers

Targeted audience

- Individuals who are going to be a Cloud Officer

- IT supervisors of organizations using or contemplating cloud use
- CISO
- Internal Audit (as requested by CSSF)
- Member of Credit Institution and PFS within the meaning of the Law of 5 April 1993 on the Financial Sector (“LFS”).
- Member of payment institution and electronic money institutions within the meaning of the Law of 10 November 2009 on payment services (“LFS”)
- Member of investment fund partners subjects to circular CSSF 18/698.

Prerequisites

N/A

Length

1 day

Introduction to BCP/DRP (FR/EN)

The purpose of this introductory session is to connect the different puzzle pieces of a BCP and a DRP in order to make participants understand the challenges of good governance in terms of BCP and DRP management while respecting the cycle. PDCA quality. It helps to understand why BIAs must come from business and offers an extended vision of the different stakeholders to a BCP / DRP.

Objectives

To become acquainted with the main components of a BCMS, BCP and DRP.

Educational goals

- Understand the basic operations of an BCMS and a DRP as well as the main processes.
- Understand the purpose, content and correlation between the different elements of a BCMS (DRP).
- Interpret the key elements of a business and link them with the key elements of a BCP-DRP
- Develop the basic knowledge to help an organization to plan, do check, act and maintain a DRP
- Acquire sufficient knowledge to advise an organization on the importance of managing a DRP as a whole.
- Reinforce the personal qualities necessary to act with the professionalism required when conducting a DRP project.

Course Content

- BCMS
- Fundamental concepts and principles of Business Continuity
- Initiating the BCMS Implementation
- BIA (Business Impact Assessment)
- Risk Assessment
- Recovery Strategies
- Incident Response
- Exercising and Testing
- Project (Steps of a DRP)

Training Approach and materials

- BIA Exercise
- Identifying Business Continuity & Recovery Strategies for a department of an Organization
- Multiple Choices Questions

Targeted audience

DBA
Product Owner
CISO
System Engineer
Backup and Storage Engineer
IT Security Consultant
Information Security consultant

Prerequisites

No particular knowledge

Length

1 day

Information Security Specialist in Remote Work (FR/EN/NL)

Educational objectives

- Become familiar with the concept and application of remote work.
- Understand remote work management during unexpected events.
- Understand the interrelation of remote work with business continuity.
- Become familiar with concepts related to IT infrastructure.
- Understand the impact of remote work in information security.
- Understand the risk management processes to identify threats related to remote work.
- Learn how to safeguard organizational assets by implementing security controls.

Training Approach

- Trainer slides
- Candidate handbook

Target Audience

The Information Security Specialist in Remote Working training course is developed for any professional who is actively involved in managing, implementing, and/or auditing a remote working environment. This may include people from different roles or tasks such as IT, Information Security, Implementation or Audit. Candidates will learn how to safeguard organizational assets by implementing information security controls through an organizational approach.

Prerequisites

None

Length

(1) day

Course Content

1. Introduction to Remote Working
 - Definitions of Remote Work
 - The Development of Remote Work
 - Challenges of Remote Work
 - Integral Part of Business Continuity
2. IT Aspects of Remote Work

IT Infrastructure Accommodation for Remote Working
Remote Working Resources and Tools

3. Secure working Environment
 - Information Security and Remote Working
 - Information Security Risk Management

4. Security Controls for Remote Work
 - Administrative Controls
 - Technical Controls
 - Physical Controls
 - Compliance

Examination and Certification

Individuals interested in obtaining the Information Security Specialist in Remote Working (ISSRW) certificate will have the opportunity to take the exam, as part of the training session. The exam has forty (40) multiple-choice questions. Candidates have one (1) hour to complete the exam.

Obtaining the TreccerT Information Security Specialist in Remote Working (ISSRW) certificate demonstrates that an individual understands and is able to implement the information security practices while working remotely.

ISMS Foundation ISO/IEC 27001 – (EN/FR/NL)

The ISMS Foundation training course is an entry-level course developed based on the ISO/IEC 27001 requirements. In this two-day course, participants are provided with a fundamental understanding of the Information Security Management System (ISMS). Individuals will have the opportunity to gain a basic understanding of ISO/IEC 27001 requirements, controls, and associated terminology and concepts.

Educational Objectives

- Become familiar with the vocabulary of the ISO/IEC 27001.
- Understand the structure of the ISO/IEC 27001.
- Become familiar with the mandatory clauses of the ISO/IEC 27001.
- Become familiar with the controls of the ISO/IEC 27001.

Training Approach

- Trainer Slides
- Candidate Handbook
- Quizzes

Targeted Audience

- Entry-level professionals of an information security team.
- Personnel of organizations intending to complement their on-the-job training related to information security.
- New ICT professionals wanting to increase their competency in information security.

Prerequisites

No Prerequisites.

Length

2 days.

Training Course Outline

Day One

Introduction to ISO/IEC 27001 Requirements

- Context of the Organization
- Leadership
- Planning
- Support
- Operation
- Performance Evaluation
- Improvement

Introduction to ISO/IEC 27001 Controls

- Information Security Policies
- Organization of Information Security
- Human Resource Security
- Asset Management
- Access Control
- Cryptography
- Physical and Environmental Security

Day Two

Introduction to ISO/IEC 27001 Controls (continued)

- Operations Security
- Communications Security
- System Development and Maintenance
- Supplier Relationships
- Information Security Incident Management

-Information Security Aspects of Business Continuity Management

-Compliance

Exam

Examination and Certification

Individuals interested in ISO/IEC 27001 Foundation certification will have the opportunity to undergo TreccerT examination and pursue certification. Candidates can take TreccerT certification exam as part of our training sessions, which are provided by TreccerT partners, including Nitroxis.

The ISMS Foundation exam consists of 40 multiple-choice questions. Candidates have 1 hour to complete the exam.

The ISMS Foundation certification demonstrates that an individual comprehends the structure and approach of an Information Security Management System (ISMS) based on the requirements of the ISO/IEC 27001. Being TreccerT ISMS Foundation Certified provides you with the opportunity to further advance your credentials or certification level within the TreccerT Certification Path

ISO/IEC 27001 Lead Implementer (EN/FR/NL)

Fast Track for ISMS Professional (ISO/IEC 27001) and Lead Implementer (ISO 19600). TreccerT offers the ISO/IEC 27001 Lead Implementer fast track course for candidates that want to learn intensively to achieve their goals. The ISO/IEC 27001 Lead Implementer consists of two TreccerT training courses, the ISMS Professional (ISO/IEC 27001) and Lead Implementer (ISO 19600). These training courses are professional-level courses developed based on the pertinent ISO standards' requirements or guidelines. In this four-day course, participants are provided with a practical understanding of ISO/IEC 27001 requirements and controls, and how to establish, implement, manage and improve an information security management system (ISMS) based on ISO/IEC 27001 and ISO 19600. Participants will also gain a thorough understanding of best practices used to implement information security controls based on ISO/IEC 27002.

Educational Objectives

- Understand the basic concepts of information security.
- Become familiar with information security frameworks.
- Understand the mandatory requirements of ISO/IEC 27001.
- Understand the information security controls of ISO/IEC 27001: Annex A.
- Learn how to implement an information security management system (ISMS).
- Learn how to audit an information security management system (ISMS).
- Become familiar with management systems (MSs).
- Become familiar with integrated management systems (IMs).
- Understand the processes of the initiation phase.
- Understand the processes of the establishment phase.
- Understand the processes of the implementation and operation phase.
- Understand the processes of the maintaining and improving phase.

Training Approach

- Trainer Slides
- Candidate Handbook
- Quizzes
- Case Study Exercises

Targeted Audience

- Members of an information security management system (ISMS) team.
- Personnel involved in information security management system (ISMS) implementation
- Professionals wanting to increase their competency in implementing an information security management system (ISMS).

Prerequisites

None. However, it is recommended to have a basic knowledge of the ISO/IEC 27001 standard and guidelines or to have read the standard once prior the course.

Length

Four (4) days.

Day One

Information Security Management System (ISMS)

- Introduction to Information Security

- Information Security Management System (ISMS) Overview

- Information Security Frameworks and Best Practices

Information Security Management System (ISMS) Requirements

- Context of the Organization

- Leadership

- Planning

- Support

- Operation

- Performance Evaluation

- Improvement

Day Two

Information Security Management System (ISMS) Controls (Annex A)

- Information Security Policies

- Organization of Information Security

- Human Resource Security

- Asset Management

- Access Control

- Cryptography

- Physical and Environmental Security

Day Three

Information Security Management System (ISMS) Controls (continued)

- Operations Security

- Communications Security

- System Development and Maintenance

- Supplier Relationships

- Information Security Incident Management

- Information Security Aspects of Business Continuity Management

- Compliance

Plan Phase

Initiation Phase

- Create a MS Project Charter

- Ensure Management Commitment

- Identify Interested Parties

- Conduct a Gap Analysis

Establishment Phase

- Determine the Context of the Organization
- Determine the Scope and Boundaries
- Identify and Maintain Compliance Obligations
- The Governance Principles and the Establishment of a Compliance Policy
- Establish the Objectives, Processes and Procedures
- Define the Risk Assessment Approach
- Create a Management System Implementation Plan
- Management Authorization to Implement and Operate the Management System

Day Four

Do Phase

Implementation and Operation Phase

- Risk Treatment Phase
- Implement the Compliance Policy
- Implement the Controls and Procedures
- Measure the Effectiveness of the Implemented Controls
- Implement Awareness and Training Programs
- Manage Management System Operations
- Manage Resources

Check Phase

Monitor and Review Phase

- Monitoring the Management System
- Conducting Internal Audits
- Reviewing the Management System

Act Phase

Maintenance and Improvement Phase

- Implementing the Identified Improvements
- Corrective and Preventive Actions
- Communicating the Actions and Improvements
- Ensuring Continual Improvement of the Management System

Examination and Certification

Individuals interested in ISO/IEC 27001 Lead Implementer certification will have the opportunity to undergo TreccerT examination and pursue certification. Candidates can take TreccerT certification exam as part of our training sessions, which are provided by TreccerT partners. The ISO/IEC 27001 Lead Implementer certification consists of the ISMS Professional and Lead Implementer examinations. The ISMS Professional exam has 100 multiple-choice questions, whereas the Lead Implementer exam has 60 multiple-choice questions. Candidate have 4 hours to complete the exams.

The ISO/IEC 27001 Lead Implementer certification demonstrates that a professional is specialized in information security management system (ISMS) implementation based on the requirements of the ISO/IEC 27001 and common implementation approach based on the ISO 19600 guidelines.

ISO/IEC 27001 Lead Auditor (EN/FR/NL)

Fast Track for ISMS Professional (ISO/IEC 27001) and Lead Auditor (ISO 19011)
TrecerT offers the ISO/IEC 27001 Lead Auditor fast track course for candidates that want to learn intensively to achieve their goals. The ISO/IEC 27001 Auditor consists of two TrecerT training courses, the ISMS Professional (ISO/IEC 27001) and Lead Auditor (ISO 19011). These training courses are professional-level courses developed based on the pertinent ISO standards' requirements or guidelines. In this four-day course, participants are provided with a practical understanding of ISO/IEC 27001 requirements and controls, and how to establish and manage an audit program, and conduct an information security management system (ISMS) audit.

Educational Objectives

- Understand the basic concepts of information security.
- Become familiar with information security frameworks.
- Understand the mandatory requirements of ISO/IEC 27001.
- Understand the information security controls of ISO/IEC 27001: Annex A.
- Learn how to implement an information security management system (ISMS).
- Learn how to audit an information security management system (ISMS).
- Become familiar with management systems (MSs).
- Become familiar with management system auditing based on ISO 19011.
- Understand the types of audit and auditing principles.
- Become familiar with the auditor behavior and performance.
- Understand how to establish, implement and manage a management system (MS) audit program.
- Understand how to initiate, plan, execute, report and complete a management system (MS) audit.

Training Approach

- Trainer Slides
- Candidate Handbook
- Quizzes
- Case Study Exercises

Targeted Audience

- Members of an information security management system (ISMS) team.
- Personnel involved in information security management system (ISMS) and auditing.
- Professionals wanting to increase their competency in auditing an information security management system (ISMS).

Prerequisites

None. However, it is recommended to have a sound knowledge of the ISO/IEC 27001 standard and guidelines.

Length

Four (4) days.

Day one

Information Security Management System (ISMS)

- Introduction to Information Security
- Information Security Management System (ISMS) Overview
- Information Security Frameworks and Best Practices

Information Security Management System (ISMS) Requirements

- Context of the Organization
- Leadership
- Planning
- Support
- Operation
- Performance Evaluation
- Improvement

Day Two

Information Security Management System (ISMS) Controls

- Information Security Policies
- Organization of Information Security
- Human Resource Security
- Asset Management
- Access Control
- Cryptography
- Physical and Environmental Security

Day Three

Information Security Management System (ISMS) Controls (continued)

- Operations Security
- Communications Security
- System Development and Maintenance
- Supplier Relationships
- Information Security Incident Management
- Information Security Aspects of Business Continuity Management
- Compliance

Auditor Roles and Responsibilities

- Key Roles in MS Auditing
- Audit Team
- Audit Practices and Relationships

Day Four

Audit Program Structure and Management

- Creating an Audit Program
- Establishing an Audit Program

Audit Program Implementation
Audit Program Monitoring and Reviewing

Management System (MS) Audit Process

Initiation of Audit
Audit Planning
Audit Execution
Audit Reporting
Completing Audit
Follow-Up Audit

Examination and Certification

Individuals interested in ISO/IEC 27001 Lead Auditor certification will have the opportunity to undergo TreccerT examination and pursue certification. Candidates can take TreccerT certification exam as part of our training sessions, which are provided by TreccerT partners. The ISO/IEC 27001 Lead Auditor certification consists of the ISMS Professional and Lead Auditor examinations. The ISMS Professional exam has 100 multiple-choice questions, whereas the Lead Auditor exam has 60 multiple-choice questions. Candidate have 4 hours to complete the exams.

The ISO/IEC 27001 Lead Auditor certification demonstrates that a professional is specialized in information security management system (ISMS) implementation based on the requirements of the ISO/IEC 27001 and a defined auditing approach based on the ISO 19011 guidelines.

ISACA

CISA (Certified Information Security Auditor) – EN/FR/NL

This 5-day course prepares the CISA® Certified Information Systems Auditor exam by covering the entire Common Body of Knowledge (CBK) course, a common core of knowledge in security defined by the ISACA® Information Systems Audit and Control Association.

CISA certification is recognized around the world. It is aligned with the 27th Edition of the CBK, updated for 2019 Job Practice.

Educational Objective:

- Know the five major areas covered by CISA® certification
- Understand the concepts of IT audit and IT governance
- Preparing the CISA Certification Exam, ISACA Certified Security Auditor

Certification:

A 5-Year experience is required to obtain CISA certification after passing the exam. You can still take the exam first, and must register on the ISACA website.

Participants:

- Information System Directors
- Auditors,
- Responsible for Business Continuity
- CISO
- people for which the control of Information Security is fundamental in achieving their goals

Prerequisites:

Basic Knowledge in the Information System

Chapter 1: Information System Auditing Process

Part A: Planning

- IS Audit Standards, Guidelines and Code of Ethics
- Business Processes
- Type of controls
- Risk-Based Audit Planning
- Types of audits and Assessments

Part B: Execution

- Audit Project Management

- Sampling Methodology
- Audit Evidence Collection Techniques
- Data Analytics
- Reporting and communication Techniques
- Quality Assurance and Improvement of the Audit Process

Exercises: Multiple Choices Questions from previous CISA sessions (or comparable exams)

Chapter 2: Governance and Management of IT

Part A: IT Governance

- IT governance and IT Strategy
- IT-related frameworks
- IT Standards, Policies and Procedure
- Organizational Structure
- Enterprise Architecture
- Enterprise Risk Management
- Maturity Models
- Laws, Regulations and Industry Standards Affecting the organization

Part B: IT Management

- IT Resource Management
- IT Service Provider Acquisition and Management
- IT Performance Monitoring and Reporting
- Quality Assurance and Quality Management of IT

Exercises: Multiple Choices Questions from previous CISA sessions (or comparable exams)

Chapter 3: Information Systems Acquisition, Development and Implementation

Part A: Information Systems Acquisition and Development

- Project Governance and Management
- Business Case and Feasibility Analysis
- System Development Methodologies
- Control Identification and Design

Part B: Information System Implementation

- Testing Methodologies
- System Migration, Infrastructure Deployment and Data Conversion
- Post-implementation Review

Exercises: Multiple Choices Questions from previous CISA sessions (or comparable exams)

Chapter 4: Information Systems Operations and Business Resilience

Part A: Information Systems Operations

- Common Technology Components
- IT Asset Management
- Job Scheduling and Production Process Automation
- System interfaces
- End-User Computing
- Data Governance
- System Performance Management
- Problem and Incident Management
- Change, Configuration, Release and Patch Management
- IT Service Level Management
- Database Management

Part B: Business Resilience

- Business Impact Analysis
- System resiliency
- Data Backup, Storage and Restoration
- Business Continuity Plan
- Disaster Recovery Plan

Exercise: Multiple Choices Questions from previous CISA sessions (or comparable exams)

Chapter 5: Protection of Information Assets

Part A: Information Asset Security and Control

- Information Asset Security Frameworks, Standard and Guidelines
- Privacy Principles
- Physical Access and Environmental Controls
- Identity and Access Management
- Network and Endpoint Security
- Data Classification
- Data Encryption and Encryption-related Techniques
- Public Key Infrastructure
- Web-based Communication Technologies
- Virtualized environment
- Mobile, Wireless and Internet-of-things Devices

Part B: Security Event Management

- Security Awareness Training and Programs
- Information System Attack Methods and Techniques
- Security Testing Tools and Techniques
- Security Monitoring Tools and Techniques

- Incident Response Management
- Evidence Collection and Forensics

Exercices : Multiple Choices Questions from previous CISA sessions (or comparable exams)

Preparation to the Exam

Blank Exam - Partial simulation of the examination carried out at the end of the training.

Registration to be made on the site www.isaca.org, the closing of the registrations is done 2 months before the date of the examination.

Presentation of the event: 3 hours of multiple choice questions with 150 questions to be chosen beforehand in French or in English.

CISM (Certified Information Security Manager) – EN/FR/NL

This 3-day course will prepare for the CISM® exam Certified Information Security Manager, covering the entire CBK (Common Body of Knowledge) common core of knowledge in security defined ISACA®, Information Systems Audit and Control Association. The CISM certification is recognized worldwide.

Content

Domain 1: Information Security Governance

Domain 2: Information Risk Management and Compliance

Domain 3: Information Security Program Development and Management

Domain 4: Information Security Incident Management

Preparation and Certification

Participants

Information System (IS) Directors, auditors, responsible for business continuity or security, or for which the control of IS is fundamental in achieving their goals.

Prerequisites

Basic knowledge in Information Systems. Understanding English is necessary because the documentation is in English (the training is in French or English).

Program

Domain 1: Information Security Governance

- Alignment of policy security information on the business strategy and direction.
- Policy security information development.
- Commitment of senior management and support for information security across the enterprise.
- Roles and responsibilities in the governance of information security.
- Hands-on work
- Questions from previous sessions (CISM or comparable examinations).

Domain 2: Information Risk Management and Compliance

- Development of a systematic and analytical approach and the ongoing process of risk management.
- Identification, analysis and risk assessment.
- Definition of strategies risk treatment.
- Risk management communication.
- Questions from previous sessions (CISM or comparable examinations).

Domain 3: Information Security Program Development and Management

- The safety information architecture.
- Methods to define the required security measures.
- Contract management and information security requirements.
- Metrics and evaluation of IT security performance.
- Questions from previous sessions (CISM or comparable examinations).

Domain 4: Information Security Incident Management

- Components of a security incident management plan.
- Concepts and practices in the management of security incidents.
- Method classification.
- Notification and escalation process.
- Detection techniques and incidents analysis.
- Questions from previous sessions (CISM or comparable examinations).

Preparation and Certification

Partial simulation of the review conducted at the end of training.

Subscribe to the www.isaca.org site, the registration deadline was made two months before the date of the examination.

Duration and conduct of the exam: 3 hours with 150 questions (review available only in English).

(ISC)2

CISSP (Certified Information Systems Security Professional) EN/FR/NL

This 5 days course will prepare for the CISSP® exam Certified Information Systems Security Professional, covering the entire CBK (Common Body of Knowledge) as defined by (ISC)2®. The CISSP certification is recognized worldwide.

The vendor-neutral

CISSP certification is the ideal credential for those with proven deep technical and managerial competence, skills, experience, and credibility to design, engineer, implement, and manage their overall information security program to protect organizations from growing sophisticated attacks.

Learning Objectives

- Understand the 8 domains of knowledge that are covered on the CISSP exam
- Analysis questions on the exam and be able to select the correct answer
- Apply the knowledge and testing skills learned in class to pass the CISSP exam
- Understand and explain all of the concepts covered in the 8 domains of knowledge
- Apply the skills learned across the 8 domains to solve security problems when you return to work

Who should attend

Security Consultant
Security Manager
IT Director/Manager
Security Auditor
Security Architect
Security Analyst
Security Systems Engineer
Chief Information Security Officer
Director of Security
Network Architect

Prerequisites

Basic knowledge of the Information System is recommended

Strong English is necessary because the documentation is in English (the training is in French or English)

Description

This training provides a comprehensive review of information security concepts and industry best practices, covering the 8 domains of CISSP CBK (Common Body of Knowledge).

Several types of activities are used throughout the course to reinforce topics and increase knowledge retention. These activities include open ended questions from the instructor to the students, matching and poll questions, group activities, open/closed

questions, and group discussions. the interactive learning technique is based on sound adult learning theories.

This training course will help candidates review and refresh their information security knowledge and help identify areas they need to study for the CISSP exam and features

Course Agenda

1. Security and Risk Management
2. Asset Security
3. Security Engineering
4. Communications and Network Security
5. Identity and Access Management
6. Security Assessment and Testing
7. Security Operations
8. Software Development Security

CCSP (Certified Cloud Security Professional) EN/FR/NL

Learning Objectives

This 5-day course will prepare you for the CCSP Certified Cloud Security Professional Exam, which covers the entire ISC2 CCSP CBK - Common Body of Knowledge. The CCSP certification is recognized worldwide and ranked by Tripwire as one of the TOP 5 vendor-neutral cloud security certifications in 2017 and 2019.

Educational goals

Learn CCSP vocabulary and key concepts

Understand

- Security and Risk Management
- Asset Security
- Security Architecture and Engineering
- Communication and Network Security
- Identity and Access Management
- Security Assessment and Testing
- Security Operations
- Software Development Security

ISC2 CCSP Certification Exam Preparation

Training Approach and materials

Theoretical and practical phases are organized alternately.

Training can be given in English, French and Dutch.

Course materials are available in English.

Who should attend

Responsible for the security of the information systems.

Responsible for the management system according to ISO 27001.

CIO, CISO

Director of Security

Information Security Officer

IT Director/Manager

Business security manager

Enterprise Architect, Network Architect, Security Administrator, Security Analyst, Security Architect.

Security Auditor, Security Consultant, Security Engineer, Security Manager, Security Systems Engineer, Systems Architect, Systems Engineer.

Prerequisites

Good knowledge of English since it is advisable to take the certification exam in English.

At least five years of professional experience in information security and a minimum of one year in one of the six CCSP domains mentioned above.

You can meet one year of professional experience in one of six CCSP domains if you have CSA CCSK certification.

You can meet all the prerequisites of professional experience if you have the CISSP certification.

A candidate who does not have the required experience to become a CCSP can become an ISC2 Associate by passing the CCSP exam. The ISC2 Associate will then have six years to acquire the five years of required experience.

Miscellaneous (Audit)

Integrated Management System (5-Day Training) – EN/DE

This five-day course provides an overview to the structure of an Integrated Management System (IMS) based on ISO/IEC Annex L, and how to audit the same internally or in the context of certification.

Overview

This five-day course introduces the structure of an Integrated Management System (IMS) derived from ISO/IEC's normative Annex L (Proposals for management system standards) as well as specific requirements of relevant ISO Standards implementing Annex L, namely ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO/IEC 20000-1:2018, ISO 22301:2019 and ISO/IEC 27001:2013, and how to add any further applicable requirements, eg PCI-DSS, SOX, GDPR etc. At the same time, the course explains processes, methods and skills required to allow an auditor to assess such an IMS all the way through to certification in line with relevant ISO (certification) standards, in particular ISO/IEC 17021-1:2015 and ISO 19011:2018. The course consists of a mix of presentation, discussion and exercises based on real-world examples.

Outline

Introducing IMS-Auditing

- Setting the Scene: ISO Management Systems
- The ISO Management System Audit Approach
- Audit Methods

Assessing Elements of an IMS

- IMS Elements 1: leadership (Annex L clause 5)
- IMS Elements 2: Context of the Organization (Annex L clause 4)
- Audit Methods – Part 1: documents review, Interview
- IMS Elements 3: Support (Annex L clause 7)
- IMS Elements 4: Planning (Annex L clause 6)
- Audit Methods – Part 2: Observing, Sampling
- IMS Elements 5: Operation (Annex L clause 8)
- IMS Elements 6: Performance Evaluation (Annex L clause 9)
- Audit Methods – Part 3: Corroboration
- IMS Elements 7: Improvement (Annex L clause 10)
- IMS Element 8: Management Review (Annex L clause 9.3)

Auditing an IMS

- Audit Principles
- Overview of the different types of audits
- Certification process per ISO/IEC 17021-1:2015
- Audit skills

Objectives

Completion of this course will enable students to

- Describe core processes of an Annex L based IMS
- Identify additional specific requirements based on the chosen IMS scope
- Recognize the range of different audit types, criteria and objectives
- Understand applicable audit methods and develop skills to apply these
- Execute audit aspect of the certification process
- Manage IMS audit teams

Audience

This course is aimed at students tasked with

- Assessing an organisation's processes as part of implementing an IMS
- Performing self-assessment, pre-cert or internal audits of an IMS
- Acting as (lead) auditor on behalf of a certification body

Prerequisites

General understanding of common business processes.

Same past exposure to management systems and / or audits helpful, but not required.

Acting as (lead) auditor on behalf of a certification body

This course is aimed at students tasked with

- Assessing an organisation's processes as part of implementing an IMS

Examination and Certification

This course ends with a three hour written essay-style exam on the last day available in multiple languages. This course has been designed by Softqualm and partners, who also mark the exam and issue the IMS Lead Auditor Certification in accordance with ISO/IEC 17024:2012. Exam and first year certification fees are included in the course fees.

Project Management

Prince 2 Project Management Foundation (EN/NL)

Overview

This three-day training enables participants to learn the basics of the PRINCE2 Project Management method. The participant will learn about the PRINCE2 Principles, Themes, Processes and Tailoring. The course consists of a mix of presentation, discussion and exercises base on real-world examples. Review exercises as well as a practice test assist the exam preparation

Outline

Day 1

- Introducing PRINCE2
- PRINCE2 Process Model
- Starting up a project Organization
- Business case

Day 2

- Initiating a project
- Quality
- Plans
- Risk
- Change
- Controlling a Stage
- Managing Product Delivery
- Progress

Day 3

- Managing a Stage boundary
- Closing a Project
- Tailoring PRINCE2 to the Project Environment
- PRINCE2 Foundation Exam

Objectives

Completion of this course will enable students to :

- Understand basics on PRINCE2 Project Management
- Know the basic differences between the PRINCE2 Principles, Themes and Processes
- Prepare for the PRINCE2 Foundation Exam

Audience

This course is aimed at students with (future) roles like :

- Project managers
- Consultants and team members managing or supporting a project using PRINCE2
- CxO and senior managers sponsoring projects

Prerequisites

Some past exposure to project management helpful, but not required.

Examination and Certification

The course is delivered by Trainers of Polychor, a PRINCE2 Accredited Training Organization. See Polychr.com for full details.

The official one-hour multiple choice PRINCE2 Foundation exam can be taken at the end of the training course or at a later date.

Exam fees are included in the course fees.

Prince 2 Project Management Practitioner (EN/NL)

Overview

This two-day training enables participants to learn how to use the PRINCE2 Project Management method in a real-life situation by going through two complete tests exams and by analyzing the 'Managing Successful Projects with PRINCE2' book in detail to understand how all the PRINCE2 elements works together.

Outline

Day 1

- Summary of the PRINCE2 Method
- Analysis of the 'Managing Successful Project with PRINCE2' Book
- PRINCE2 Test Exam

Day 2

- Review and Analysis of PRINCE2 Test Exam 2
- PRINCE2 Practitioner Exam

Objectives

Completion of this course will enable students to

- Understand PRINCE2 Project Management method in enough detail
- Successfully participate in the PRINCE2 Practitioner exam

Audience

This course is aimed at students with (future) roles like

Project managers
Consultants and team members managing or supporting a project using PRINCE2
CxO and senior managers sponsoring projects

Prerequisites

Must have passed the PRINCE2 Foundation exam
Preferably attend the PRINCE2 Foundation course using Polychor's training material

Examination and Certification

This course is delivered by Trainers of Polychor, a PRINCE2 Accredited Training Organization. See Polychor.com for full details.

The official two-and-a-half hours objective PRINCE2 Foundation exam can be taken at the end of the training course or at a later date.

Exam fees are included in the course fees.

Préparation à la certification PMP du PMI - PMBOK v6 (FR)

Le PMI® est la plus importante association professionnelle en gestion de projet au monde, avec plus de 650.000 membres et des certifiés répartis dans plus de 185 pays. Parmi ses certifications, le PMP® – Project Management Professional – est la certification en management de projet la plus reconnue mondialement et exigée. Elle démontre aux employeurs, aux clients et aux collègues que celle/celui qui la possède est un gestionnaire de projet ayant des connaissances en gestion de projet, et justifiant de l'expérience et des compétences nécessaires pour conduire les projets. Le PMP® reconnaît par ailleurs la compétence d'un individu à remplir le rôle d'un chef de projet, en particulier l'expérience dans la conduite et la direction de projets

Objectifs de la formation

Cette formation a pour objectif d'accompagner les candidats dans la préparation à la certification PMP de PMI, d'acquérir les connaissances en Management de Projet conformes au Corpus de connaissances du PMI®, le PMBOK®.

C'est aussi une opportunité pour le partage et l'échange d'expérience et de connaissance entre les participants et les professionnels du milieu dans une optique:

D'acquérir les connaissances en Management de Projet conformes au Corpus de connaissances du PMI®, le PMBOK®.

Se préparer à l'examen de certification du PMI® : PMP® en vous aidant à définir la meilleure stratégie de préparation et le meilleur plan d'étude pour réussir cet examen.

Durée de la formation

5 jours: 5 séances d'une durée de 35 heures (7h/séance)

30 jours de coaching avec:

-11 séances de coaching à distance par Zoom répartie sur les 30 jours la durée de chacune est de 2 heures.

-Un suivi par mail durant les 30 Jours

Pré-requis

Connaissances élémentaires en Management

Public-cible

Chefs de projets débutants ou chefs de projets expérimentés désirant obtenir une reconnaissance internationale de leurs compétences en gestion de projet. Et d'une façon générale cette formation Certification PMP s'adresse à tout acteur

souhaitant conforter un rôle de manager de projet ou se préparer à la certification PMP.

Details

A la fin de la formation, un certificat de participation et un certificat mentionnant les 35 PDU sont remis à chaque participant

Un manuel de formation (support de cours et exercices pratiques)

Feuille de route de préparation à la certification PMP

1°) Suivre ce cours

2°) coaching pendant 30 jours qui suit la formation (avec accès **au simulateur d'examens**)

Un planning sera communiqué au candidat le jour qui suit le dernier jour de cours

11 séances de coaching de 2h chacune via l'application Zoom

Le formateur est également joignable par email pour échanger

3°) accompagnement dans la remise du dossier PMI pour le passage de l'examen PMP

Programme détaillé de la formation

Formation de 35h sur les 10 domaines de PMBOK 6ème édition

Jour 1 :

1. INTRODUCTION	3.4 Compétences du chef de projet
1.1 Présentation et objectif de ce guide	3.5 Intégration
1.2 Éléments fondamentaux	EXERCICES
2. ENVIRONNEMENT DU PROJET	4. GESTION DE L'INTÉGRATION DU PROJET
2.1 Présentation	4.1 Élaborer la charte du projet
2.2 Facteurs environnementaux de l'organisation	4.2 Élaborer le plan de management du projet
2.3 Actifs organisationnels	4.3 Diriger et gérer le travail du projet
2.4 Systèmes de l'organisation	4.4 Gérer les connaissances du projet
3. LE RÔLE DU CHEF DE PROJET	4.5 Maîtriser le travail du projet
3.1 Présentation	4.6 Maîtriser les changements
3.2 Définition du chef de projet	4.7 Clore le projet ou la phase
3.3 La sphère d'influence du chef de projet	EXERCICES

Jour 2 :

5. GESTION DU PÉRIMÈTRE DU PROJET	6. GESTION DE L'ÉCHÉANCIER DU PROJET
5.1 Planifier la gestion du périmètre	6.1 Planifier la gestion de l'échéancier
5.2 Recueillir les exigences	6.2 Définir les activités
5.3 Définir le périmètre	6.3 Organiser les activités en séquence
5.4 Créer le WBS	6.4 Estimer la durée des activités
5.5 Valider le périmètre	6.5 Élaborer l'échéancier
5.6 Maîtriser le périmètre	6.6 Maîtriser l'échéancier
	EXERCICES

Jour 3

7. GESTION DES COÛTS DU PROJET	8. GESTION DE LA QUALITÉ DU PROJET
7.1 Planifier la gestion des coûts	8.1 Planifier la gestion de la qualité
7.2 Estimer les coûts	8.2 Gérer la qualité
7.3 Déterminer le budget	8.3 Maîtriser la qualité
7.4 Maîtriser les coûts	EXERCICES

Jour 4

9. GESTION DES RESSOURCES DU PROJET	10.3 Maîtriser les communications
9.1 Planifier la gestion des ressources	11. GESTION DES RISQUES DU PROJET
9.2 Estimer les ressources des activités	11.1 Planifier la gestion des risques
9.3 Obtenir les ressources	11.2 Identifier les risques
9.4 Développer l'équipe	11.3 Effectuer l'analyse qualitative des risques
9.5 Gérer l'équipe	11.4 Effectuer l'analyse quantitative des risques
9.6 Maîtriser les ressources	11.5 Planifier les réponses aux risques
10. GESTION DES COMMUNICATIONS DU PROJET	11.6 Exécuter les réponses aux risques
10.1 Planifier la gestion des communications	11.7 Maîtriser les risques
10.2 Gérer les communications	EXERCICES

Jour 5

12. GESTION DES APPROVISIONNEMENTS DU PROJET	13.1 Identifier les parties prenantes
12.1 Planifier la gestion des approvisionnements	13.2 Planifier l'engagement des parties prenantes
12.2 Procéder aux approvisionnements	13.3 Gérer l'engagement des parties prenantes
12.3 Maîtriser les approvisionnements	13.4 Maîtriser l'engagement des parties prenantes
13. GESTION DES PARTIES PRENANTES DU PROJET	EXERCICES

