CONECT BUSINESS ACADEMY

Public Seminars & In-House IT-Trainings and Consulting 2023

Agile Leadership — Management 3.0

Leading SAFe® 6,0

SAFe® Lean Portfolio Management

SAFe® Product Owner/ Product Manager

Professional Scrum Master (PSM I)

Professional Product Owner (PSPO I)

DevOps Foundation

DevOps Professional

CPRE Foundation Level

CPRE Advanced Level — Elicitation 2.0

SCALED AGILE PARTNER BRONZE

RE@Agile Primer

RE@Agile Advanced

Agile@Kanban

Professional Agile/Scrum Developer

Digital Design Professional (DDP) — Foundation Level

Open Source in Business: License Compliance and Quality Assurance

ITIL 4® Foundation Certification

ITIL 4® Upgrade Certification

Certified Information Systems Security Professional (CISSP)

Developing Web Applications — Secure Coding

Take note of our complete seminar programme at www.conect.at

Cooperations:

AIT AUSTRIAN INSTITUTE OF TECHNOLOGY

SBA Research

CONECT EXPERIENCE

CONECT INFORMUNITY

VÖSI VERBAND ÖSTERREICHISCHER SOFTWARE INDUSTRIE

wien cert Qualitäts-Zeichen für Wiener Bildungsträger waff

About CON•ECT Event Management

CON•ECT Business Academy on Demand enables us to customize your event in terms of date, topic and speakers. A broad range of CON•ECT Business Academy workshops — including ITIL® v3, software methods and architecture or business processes — is available for booking and we will be happy to arrange your in-house workshop. Our extensive program offers top-notch events, training and certification programs, seminars and workshops bringing together the cream of the crop among speakers from Austria, Germany and Switzerland. In this context, combining business and IT issues is a special focus of ours.

CON•ECT Informunity events range from two-hour evening meetings, the so-called trend talks, business breakfasts or brunches to multi-day conferences or awareness-raising symposia on topics relevant to the public, such as IT strategies, cloud computing & IT services, software trends, mobile applications, security, collaboration, e-government as well as IT & health care. Moreover, these events offer an opportunity to get abreast of up-to-the-minute developments and/or gain experience with new technologies and business developments — including in-depth exchanges of information with users, providers and experts.

CON•ECT is the **event agency** familiar with the latest IT trends. We aim to be one step ahead of everybody else in terms of information about IT news — for the benefit of our clients. How we do it? With the help of an efficient network of partners and thanks to our feel for know-how with a potential for the future. Our clients can profit from our competitive edge as we combine our expert know-how and professional event management skills. No matter whether you're an organizer, sponsor, speaker, IT decision-maker or attendee — our events will give you the most important benefit in the business: being first to market.

CON•ECT Business Academy brings you an extensive selection of sterling events featuring top ranking speakers from Austria, Germany and Switzerland. The range of offerings covers training and certification programs, such as ITIL training or Service Level Agreements, seminars and workshops on special topics including IT service or business process management as well as security, project management and communication, to

name only a few. Special emphasis is placed on combining the business and IT angles. Informative lectures make the program complete. Training and certification can be obtained in fields such as software architecture and requirement engineering according to IREB, iSAQB and Exim, seminars and workshops are available in special areas such as IT service management, business process management, security, IT strategy, mobility, cloud computing and the like.

CON•ECT Webinars are virtual events: lectures and presentations with professional moderators are broadcast via live stream on the Internet. Webinars enable two-way communication between lecturer and participants, with access being available via www.conect.at. Information is communicated at determined starting and closing times. Webinar moderators can grant participants the right to speak. File downloads, asking questions in chat format or participation in surveys are other typical forms of interaction. Speakers from our expert network, which comprises more than 700 people, are available for Webinars.

Consulting & Coaching

More than 800 events in the field of IT and business with approximately 30,000 satisfied participants speak for themselves. As a full service agency, the IT event agency CON•ECT Event Management bridges the gap between IT users and IT providers in the fields of economy, research and the public sector.

Cooperating with major key players, we research IT and business trend issues and communicate them to the market at just the right moment in awareness-raising events.

Focal themes:
- Strategy and business processes
- IT management and IT infrastructure
- ITIL and service level management
- Software methods and Agility (Scaled Agile Framework) and other frameworks
- Requirement Engineering
- Agile Leadership
- Technology trends (Cloud Computing, Security, Digital Business, Artificial Intelligence …)

The conferences and seminars organised by the IT trend event agency CON•ECT Event Management are a useful networking platform for business contacts. Our network comprises more than 500 national and international experts and speakers.

Contact:

CON•ECT Eventmanagement GmbH
1070 Vienna, Kaiserstrasse 14/2
T: +43 1 522 36 36-36
F: +43 1 522 36 36-10
office@conect.at; www.conect.at

CON•ECT Eventmanagement GmbH
German branch
Holzheimer Strasse 4
73037 Göppingen,
Germany

CON•ECT Eventmanagement GmbH
Swiss branch
Hagenholzstrasse 83B
8050 Türich/Oerlikon
Switzerland

Agile Leadership — Management 3.0
Incl. Certification

MANAGEMENT 3.0
CHANGE AND INNOVATION PRACTICES

Trainer: Almudena Rodriguez Pardo
(Rodriguez Pardo & Assocs)

Duration: 2 days

Why Management 3.0?

Management 3.0 is the future of management!

There are a lot of management models and theories out there and they all sound great. The problem is that there's a lot of theory, which we don't always know how to implement in practical terms. People need actionable advice, things they can start doing next week. That's where Management 3.0 comes in.

Management 3.0 started as an Agile Management book written by 'leadership guru' Jürgen Appelo back in 2010. Since then, Management 3.0 has become a global management movement.

Management 3.0 follows the systems thinking idea that 95 percent of the performance of an organization is the result of the whole system, not the individual. Management 3.0 examines how to analyze that system to come up with the right solutions for better and effective leadership across organizations.

The course 'Management 3.0' is considered the best alignment between Agile Product Development and Management mindset. It defines a new role for Managers in the Agile organization, including several principles and a wide variety of practices, which are thoroughly explained within the course.

Those management practices are being applied worldwide by innovative enterprises seeking to thrive employee motivation, develop high-performance teams and promote creative environments.

In Management 3.0 we boost the leadership of the XXI century!
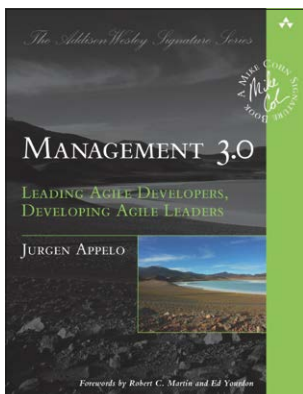
Nowadays, Happy Melly, the organization behind the Management 3.0 course contents and organization, gathers more than 450 licensed Management 3.0 facilitators, which are training thousands of people worldwide.

Who should attend?

- Top Managers, CxO Level, VPs & Directors
- Functional Managers & Team Leaders
- Creatives & Knowledge Workers
- Project Managers & Product Owners
- Scrum Masters & Agile Coaches
- Change Agents & Consultants
- Human Resources responsibles

Agenda

Over two days, we will learn, following a theoretical and practical approach, the units described below:

- Companies as complex adaptive systems, and the role of Managers in them
- How to intrinsically motivate Knowledge Workers
- How to progressively delegate in self-organizing teams
- How to align self-organization with company goals
- How to develop individual competence and grow high performing teams
- How to structure growth in Agile organizations
- How to manage cultural change

What do I get along with this course?

- 14 hours teaching and exercises
- Licensed course certification
- The "How to change the world" and "Management Workout!" books
- A kit with extra materials including videos, presentations, tutorials, white papers and further resources which support further growth and continuous improvement after the course

Does this certificate support PDUs?

Yes! With this course, you are entitled to obtain PDUs at the Project Management Institute (PMI) for the PMP & PMI-ACP certifications. Kindly contact the PMI for further information on this process.

Trainer

Almudena Rodriguez Pardo. Management 3.0 Licensed Trainer, SAFe® Program Consultant (SPC), Management 3.0 Licensed Trainer, PMI-ACP, ICA-BAF. Business Agility Consultant at Rodriguez Pardo & Assocs. Almudena Rodriguez Pardo has more than 22 years of operational experience in the telecommunication industry, where she has been engaged as a senior software developer, quality coordinator and technical market support engineer in several IT projects. Passionate Agilist, expert for Agile and DevOps methodologies and change management, Almudena has supported with her Agile consulting services the successful Agile deployment of a wide spectrum of European companies. The Agile transformations driven by Almudena affect a wide variety of industrial sectors such as insurance, telecommunications, retail, government, apps, media, etc. … these experiences build the fundamentals of her courses, where she combines the theory with lots of practical examples and lessons learned while supporting enterprises with Business Consultancy.

As an international speaker, Almudena has been invited to numerous Agile and DevOps international conferences like Agile Practitioners Israel, Agile Tour London, Conference Agile Spain, Agile Austria Conference, etc. … Also well-known as keynote speaker, Almudena participated with Opening Keynotes at UCCAT Paris, Hustef in Budapest and ExpoQA Madrid. For 2022, Almudena is already planned as a speaker at the Agile Conference Serbia, European Business Analysis in Frankfurt and as Keynote Speaker at the Forward Management 3.0 Conference in Berlin.

Leading SAFe® 6.0
Incl. Certificate

Trainer: Almudena Rodriguez Pardo
(Rodriguez Pardo & Assocs)

Duration: 2 days (online courses preferably 3 days)

Course objectives

During these two days course, attendees will gain the knowledge necessary to lead a Lean-Agile enterprise by leveraging the Scaled Agile Framework® (SAFe®), and its underlying principles derived from Lean, systems thinking, Agile development, product development flow, and DevOps. They will also learn and practice the skills for supporting and executing PI Planning events and coordinating multiple Agile Release Trains (ARTs).

Attendees will gain an understanding of the Lean-Agile mindset, why it's so effective in today's adapt-or-die marketplace, and what it means to lead a Lean-Agile transformation. They'll also learn how to build and support Agile teams and programs, empower a Lean Portfolio, build a Continuous Delivery Pipeline and DevOps culture, and coordinate large solutions. They will develop a skillset that's in demand worldwide—and empower their enterprises to succeed in a disruptive marketplace—when they become a SAFe® Agilist (SA).

Attending the class prepares individuals to take the exam and become a certified SAFe® Agilist (SA)

Who should attend?

- Executives and Leaders, Managers, Directors, CIOs, and VPs
- Development, QA, and Infrastructure Management
- Program and Project Managers
- Product and Product Line Management
- Portfolio Managers, PMO, and Process Leads
- Enterprise, System, and Solution Architects

Agenda

Within these two days, following topics will be covered:

- Introducing the Scaled Agile Framework (SAFe®)
- Becoming a Lean-Agile Leader
- Establishing Team and Technical Agility
- Experiencing Program Increment (PI) Planning
- Releasing on Demand with DevOps
- Implementing Lean Portfolio Management
- Leading the transformation

What do I get with this course?

The attendees will get the course workbook, they will have access to the SAFe resources, which support the preparation for the SAFe® Agilist exam. They also receive one-year membership to the SAFe Community Platform and the course certificate of completion.

How do I obtain the certification?

Candidates can access the exam within the SAFe Community Platform upon completion of the Leading SAFe course. You are eligible of taking the exam within the 30 days following the course completion.

Are there any prerequisites?

All are welcome to attend the course, regardless of experience. However, some knowledge and experience working with Scrum and agile methodologies are highly recommended for those who intend to take the SAFe® Agilist (SA) certification exam.

May I obtain PDUs / SEUs with this course?

With this course you are entitled to obtain PDUs at the Project Management Institute (PMI) for the PMP and PMI-ACP certifications as well as SEUs for the CSP of Scrum Alliance.
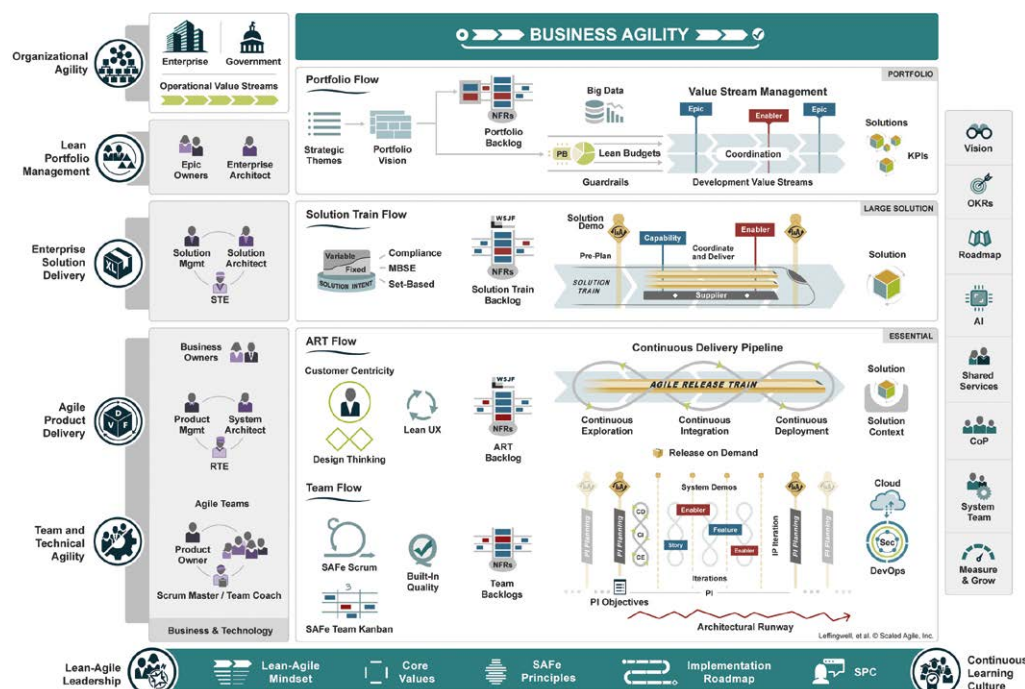
Trainer

Almudena Rodriguez Pardo. Management 3.0 Licensed Trainer, ICA-BAF. Business Agility Consultant at Rodriguez Pardo & Assocs. Almudena Rodriguez Pardo has more than 22 years of operational experience in the telecommunication industry, where she has been engaged as a senior software developer, quality coordinator and technical market support engineer in several IT projects. Passionate Agilist, expert for Agile and DevOps methodologies and change management, Almudena has supported with her Agile consulting services the successful Agile deployment of a wide spectrum of European companies. The Agile transformations driven by Almudena affect a wide variety of industrial sectors such as insurance, telecommunications, retail, government, apps, media, etc. … these experiences build the fundamentals of her courses, where she combines the theory with lots of practical examples and lessons learned while supporting enterprises with Business Consultancy.

As an international speaker, Almudena has been invited to numerous Agile and DevOps international conferences.

SAFe® Lean Portfolio Management
Incl. Certification for SAFe® Lean Portfolio Manager

Trainer: Almudena Rodriguez Pardo
(Rodriguez Pardo & Assocs)

Duration: 3 days

Course objectives

This is a two-day interactive course with an additional one-day workshop 'Getting started with LPM'. Lean Agile Portfolio Management is a modern approach that enables companies to increase the quality and the desired value of products and solutions, improve business results and support strategic business objectives. Through the gradual and constant build-up of products and services, Lean Agile Portfolio Management is the key to **aligning strategy with portfolio priorities** and systemically increasing business agility.

Learning Goals

In the **two-day course,** you will learn the following principles and practices that will deliver significant benefits to your organization:
● How to connect the portfolio to the enterprise.
● How to maintain portfolio vision and roadmap.
● How to establish Lean budgets and guardrails.
● How to create portfolio flow.
In this course, attendees will gain the practical tools and techniques necessary to implement the Lean Portfolio Management functions of Strategy and Investment Funding, Agile Portfolio Operations and Lean Governance.

Participants in the course will have the opportunity to capture the current and the future state of their portfolio with the Portfolio Canvas tool and identify important business initiatives for achieving the future state. Participants will be able to establish portfolio flow with the Portfolio Kanban and prioritize initiatives for maximum economic benefit. The course also provides insights on how to establish Value Stream Budgets and Lean Budget Guardrails and measure the Lean portfolio performance.

Who should attend?

● Executives (CIOs, CEOs, CFOs, CTOs and VPs)
● Enterprise Architects
● Product Manager and Solution Manager x Division Managers
● SPCs and Enterprise Agile Coaches
● Human Resources
● Epic owners and business stakeholders

Agenda

Within these three days, following topics will be covered:
● Introduction to Lean Portfolio Management (LPM)
● Strategy development and investment financing
● Application of Agile Portfolio Operations
● Application of Lean Governance
● Implementation of the LPM function

What do I get with this course?

● Attendee workbook
● Preparation and eligibility to take the SAFe® Lean Portfolio Manager Exam
● One-year membership to the SAFe Community Platform
● Course certificate of completion

Are there any prerequisites?

Familiarity with agile concepts and principles are beneficial. Participation in a Leading SAFe® or SAFe® PO / PM course, as well as experience in a SAFe® environment is an advantage.

May I obtain PDUs / SEUs with this course?

With this course, you are entitled to obtain PDU's at the Project Management Institute (PMI) for the PMP and PMI-ACP certifications.
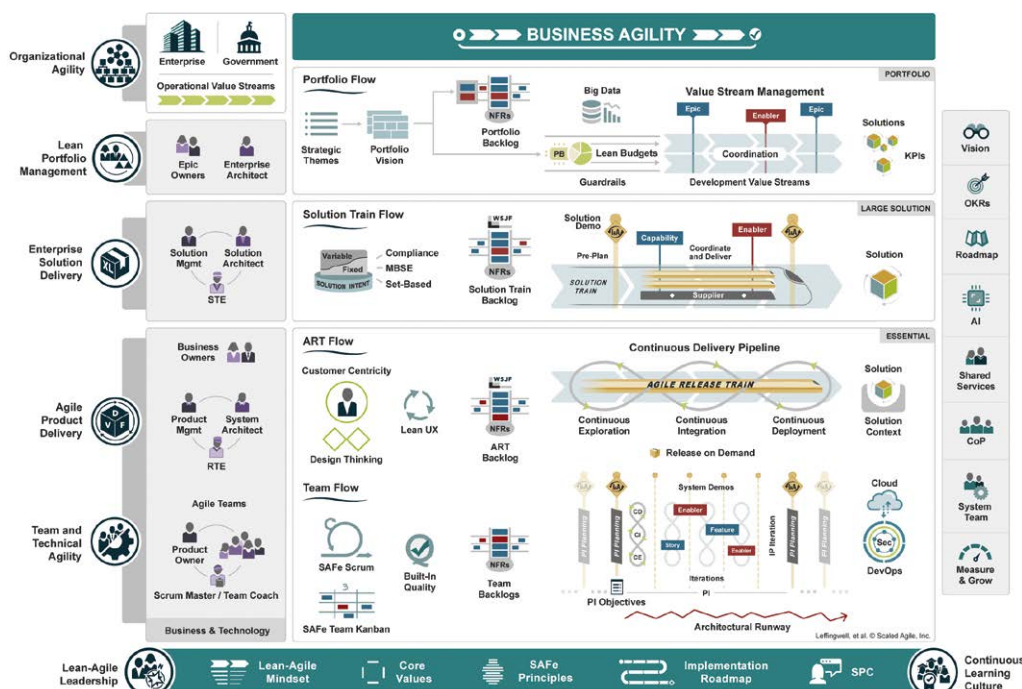
Trainer

Almudena Rodriguez Pardo. Management 3.0 Licensed Trainer, ICA-BAF. Business Agility Consultant at Rodriguez Pardo & Assocs. Almudena Rodriguez Pardo has more than 22 years of operational experience in the telecommunication industry, where she has been engaged as a senior software developer, quality coordinator and technical market support engineer in several IT projects. Passionate Agilist, expert for Agile and DevOps methodologies and change management, Almudena has supported with her Agile consulting services the successful Agile deployment of a wide spectrum of European companies. The Agile transformations driven by Almudena affect a wide variety of industrial sectors such as insurance, telecommunications, retail, government, apps, media, etc. … these experiences build the fundamentals of her courses, where she combines the theory with lots of practical examples and lessons learned while supporting enterprises with Business Consultancy.

As an international speaker, Almudena has been invited to numerous Agile and DevOps international conferences.

SAFe® Product Owner/Product Manager
Incl. Certificate

Trainer: Almudena Rodriguez Pardo
(Rodriguez Pardo & Assocs)

Duration: 2 days

Delivering value through effective Program Increment execution With SAFe® Product Owner/Product Manager Certification. Based on version 6.0 of SAFe

Develop the skillsets needed to guide the delivery of value in a Lean enterprise—and learn about the activities, tools, and mechanics used to manage backlogs and programs—by becoming a SAFe® Product Owner/Product Manager (POPM).

During this two-day course, attendees will gain an in-depth understanding of the Agile Release Train (ART), how it delivers value, and what they can do to effectively perform their role.

They will also learn how to apply Lean thinking to write Epics, break them down into Features and Stories, plan and execute Iterations, and plan Program Increments.

Finally, attendees learn about the Continuous Delivery Pipeline and DevOps culture, how to effectively integrate as Product Owners and Product Managers, and what it takes to relentlessly improve the ART.

Learning Goals

To perform the role of a SAFe® Product Owner/Product Manager, attendees learn:
- How to perform the role of a PO and a PM on a daily basis
- How to put the customer at the center of your design, build, and test process
- How to prepare for and lead PI Planning
- How to decompose Epics to Features and Features to Stories
- How to collaborate with Agile teams to forecast work

Agenda

Over two days we will take a deep dive in the following modules:
- Exploring the Product Owner/Product Manager (POPM) Roles and Responsibilities
- Preparation and execution from Program Increment (PI)
- Preparation and execution of iterations together with the Agile teams
- Definition and forecasting of features and user stories
- Applying SAFe along the complete product development

Who should attend?

The following individuals will benefit from this course:
- Product Managers, Product Line Managers, Product Owners, Business Owners, and Business Analysts
- Solution Managers, Portfolio Managers, Program Managers, PMO personnel, and Process Leads
- Enterprise, Solution, and System Architects

Certificate

Exam name: SAFe® Product Owner/Product Manager
Exam format: Multiple choice; Multiple select

Are there any prerequisites?

All are welcome to attend the course, regardless of experience. However, the following prerequisites are highly recommended for those who intend to take the SAFe® 6.0 Product Owner/Product Manager (POPM) certification exam:
- Attend a Leading SAFe® course
- Experience working in a SAFe environment
- Experience with Lean, Agile, or other relevant certifications

Trainer

Almudena Rodriguez Pardo. SAFe® Program Consultant (SPC), Management 3.0 Licensed Trainer, PMI-ACP, ICA-BAF. Business Agility Consultant at Rodriguez Pardo & Assocs. Almudena Rodriguez Pardo has more than 22 years of operational experience in the telecommunication industry, where she has been engaged as a senior software developer, quality coordinator and technical market support engineer in several IT projects. Passionate Agilist, expert for Agile and DevOps methodologies and change management, Almudena has supported with her Agile consulting services the successful Agile deployment of a wide spectrum of European companies. The Agile transformations driven by Almudena affect a wide variety of industrial sectors such as insurance, telecommunications, retail, government, apps, media, etc. … these experiences build the fundamentals of her courses, where she combines the theory with lots of practical examples and lessons learned while supporting enterprises with Business Consultancy.

As an international speaker, Almudena has been invited to numerous Agile and DevOps international conferences like Agile Practitioners Israel, Agile Tour London, Conference Agile Spain, Agile Austria Conference etc. … Also well-known as keynote speaker, Almudena participated with Opening Keynotes at UCCAT Paris, Hustef in Budapest and ExpoQA Madrid. For 2022, Almudena is already planned as a speaker at the Agile Conference Serbia, European Business Analysis in Frankfurt and as Keynote Speaker at the Forward Management 3.0 Conference in Berlin.

Professional Scrum Master (PSM I)
Incl. Certification for PSM I After Scrum.org

Trainer: Almudena Rodriguez Pardo
(Rodriguez Pardo & Assocs)

Duration: 2 days (online courses preferably 3 days)

The course Professional Scrum Master (PSM) I, is a 2-day course that covers the principles and (empirical) process theory underpinning the Scrum framework, and the role of the Scrum Master in it. This course is a combination of instruction and team-based exercises, and teaches what is at the heart of the Scrum and Agile movement. The course also includes a free attempt at the globally recognized Professional Scrum Master I certification exam (PSM I).

Within the course we will go through real-life examples we have seen when coaching numerous companies. We will also take a closer look at the daily challenges organizations face when applying Scrum such as planning, portfolio management, leadership and conflict handling.

Who should attend?

- Developers, testers, QA, and any employee who is part of the development process
- Development managers, quality managers and infrastructure responsible
- Project managers, Portfolio/Program Managers and PMO
- Product Managers
- Line Managers
- Process Managers
- Enterprise Architects, System Architects, Solution Architects
- Scrum Masters, Agile Coaches, Team facilitators

Agenda

Over two days, we will learn, following a theoretical and practical approach, the units described below:

- 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

What do I get with this course?

- 14 hours training
- Course materials
- Password to attempt the Professional Scrum Master I (PSM I) assessment.
- After passing the online exam, certification of the Scrum.org organization.

Does this certification support PDUs?

Yes! With this course, you are entitled to obtain PDUs at the Project Management Institute (PMI) for the PMP and PMI-ACP certifications.

Trainer

Almudena Rodriguez Pardo. SAFe® Program Consultant (SPC), Management 3.0 Licensed Trainer, PMI-ACP, ICA-BAF. Business Agility Consultant at Rodriguez Pardo & Assocs. Almudena Rodriguez Pardo has more than 22 years of operational experience in the telecommunication industry, where she has been engaged as a senior software developer, quality coordinator and technical market support engineer in several IT projects. Passionate Agilist, expert for Agile and DevOps methodologies and change management, Almudena has supported with her Agile consulting services the successful Agile deployment of a wide spectrum of European companies. The Agile transformations driven by Almudena affect a wide variety of industrial sectors such as insurance, telecommunications, retail, government, apps, media, etc. … these experiences build the fundamentals of her courses, where she combines the theory with lots of practical examples and lessons learned while supporting enterprises with Business Consultancy.

As an international speaker, Almudena has been invited to numerous Agile and DevOps international conferences like Agile Practitioners Israel, Agile Tour London, Conference Agile Spain, Agile Austria Conference, etc. … Also well-known as keynote speaker, Almudena participated with Opening Keynotes at UCCAT Paris, Hustef in Budapest and ExpoQA Madrid. For 2022, Almudena is already planned as a speaker at the Agile Conference Serbia, European Business Analysis in Frankfurt and as Keynote Speaker at the Forward Management 3.0 Conference in Berlin.

Professional Product Owner (PSPO I)
Incl. Certification for PSPO I After Scrum.org

Trainer: Almudena Rodriguez Pardo
(Rodriguez Pardo & Assocs)

Duration: 2days (online courses preferably 3 days)

Motivation

Traditional project management has been strongly challenged through the introduction of Agility: it is not about projects anymore, it is about maximizing value with products that fulfill the customer's needs!

The course Professional Product Owner (PSPO), a 2-day course, aims to achieve a deep understanding of how to maximize the value of products and systems in an Agile organization. Within the course we will go through real-life examples we have seen when coaching numerous companies. We will also take a closer look at the daily challenges organizations face when applying Scrum such as planning, portfolio management, leadership and conflict handling.

This course also includes a free attempt at the globally recognized Professional Product Owner certification exam (PSPO I).

Who should attend?

- Project managers, Portfolio/Program Managers and PMO
- Product Managers
- Line Managers
- Process Managers
- Enterprise Architects, System Architects, Solution Architects
- Anybody responsible for product success in the market

Course Content

Over two days, we will learn, following a theoretical and practical approach, the units described below:
- Agile Product Management
- Value-oriented development
- The Scrum Framework
- Running a Scrum project
- Backlog handling and refinement
- Agile Release Management

Course objectives

In this course, students will develop and solidify their knowledge of being a Product Owner through instruction and team-based exercises. The responsibility a Product owner has, delivering a successful product, will become clearer from an Agile perspective. We will also take a closer look at the relationship between the Product Owner and Product Management. Prioritization is also an important part of this course; how do we know what is the next thing we should work on? Metrics are identified to track the creation of value and the successful delivery of the product to the marketplace.

What do I get with this course?

- 14 hours training
- Course materials
- All participants completing the Professional Scrum Master course will receive a password to attempt the Professional Product Owner (PSPO) assessment
- Certification of the Scrum.org organization.

Does this certificate support PDUs?

Yes! With this course, you are entitled to obtain PDUs at the Project Management Institute (PMI) for the PMP and PMI-ACP certifications.

Trainer

Almudena Rodriguez Pardo. SAFe® Program Consultant (SPC), Management 3.0 Licensed Trainer, PMI-ACP, ICA-BAF. Business Agility Consultant at Rodriguez Pardo & Assocs. Almudena Rodriguez Pardo has more than 22 years of operational experience in the telecommunication industry, where she has been engaged as a senior software developer, quality coordinator and technical market support engineer in several IT projects. Passionate Agilist, expert for Agile and DevOps methodologies and change management, Almudena has supported with her Agile consulting services the successful Agile deployment of a wide spectrum of European companies. The Agile transformations driven by Almudena affect a wide variety of industrial sectors such as insurance, telecommunications, retail, government, apps, media, etc. … these experiences build the fundamentals of her courses, where she combines the theory with lots of practical examples and lessons learned while supporting enterprises with Business Consultancy.

As an international speaker, Almudena has been invited to numerous Agile and DevOps international conferences like Agile Practitioners Israel, Agile Tour London, Conference Agile Spain, Agile Austria Conference, etc. … Also well-known as keynote speaker, Almudena participated with Opening Keynotes at UCCAT Paris, Hustef in Budapest and ExpoQA Madrid. For 2022, Almudena is already planned as a speaker at the Agile Conference Serbia, European Business Analysis in Frankfurt and as Keynote Speaker at the Forward Management 3.0 Conference in Berlin.

DevOps Foundation
Certificate: EXIN DevOps Foundation

Trainer:
Mathias Traugott (Punctdavista)

Duration: 2 days

Teaser

- DevOps is becoming the industry standard for software development.
- Companies that practice DevOps principles are changing the market, leaving their competition behind with higher innovation rates.
- By transforming the corporate culture, they have committed all stakeholders, from developers to the management team, to a common goal: to reliably and quickly develop and bring quality software to market.

Goal

- You know the vocabulary of DevOps
- You know the Basics of DevOps
- You are able to participate in a DevOps team

Content

- DevOps Basics
  – Beginning and history of DevOps
  – Definition and application of DevOps
- DevOps Principles
  – Value-Stream
  – Deployment Pipeline
- DevOps Key-Practices
  – DevOps Practices
- Practical application of DevOps
  – Applicability and limitations
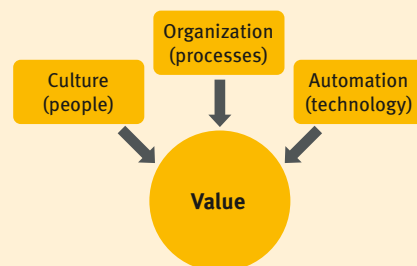 – Use of software

Certificate

- EXIN DevOps Foundation

Target group

- IT Senior Management
- Security, Quality and Lean IT Manager
- Organization Change Manager
- Project Manager (Business / IT)
- Business Sponsor
- Business Process Owner
- Service Owner, Service Manager
- Process Owner, Process Manager

Three essential elements

Here is the DevOps definition with a breakdown into the components, which allows emphasizing the key points:

DevOps is
a. an evolution of the ideas of agile software development and lean manufacturing,
b. applied to the end-to-end value chain in IT,
c. which allows businesses to achieve more with modern information technologies,
d. due to cultural, organizational and technical changes.

Quelle: Skrynnik, O. (2019). *DevOps: A business perspective.* Van Haren Publishing

- Application Owner, Application Manager
- Agile Scrum Master
- Agile Product Owner

Prerequisites

- None

Trainer

Mathias Traugott, BBA, ITIL Master & IT Governance expert has internalized consistent, practiced customer orientation since being responsible for flight handling services and as Head of Customer Care for the IT organization of the Swiss airline.

As the person responsible for the holistic ITSM program at the largest Swiss mobile service provider (3-time award winner), he laid the foundation for the advisory career.

Meanwhile Mathias Traugott acts as Principal Consultant, Facilitator & Trainer in ITIL®, COBIT®, DevOps and as CEO of Punctdavista AG. As an advisor to the itSMF Germany, worldwide keynote speaker and author, he passes on his experience and actively shapes the topic of service providers in the digital world.

DevOps Professional
Certificate: EXIN DevOps Professional

Trainer:
Mathias Traugott (Punctdavista)

Duration: 2 days

Teaser

- DevOps is becoming the industry standard for software development.
- Companies that practice DevOps principles are changing the market, leaving their competition behind with higher innovation rates.
- By transforming the corporate culture, they have committed all stakeholders, from developers to the management team, to a common goal: to reliably and quickly develop and bring quality software to market.

In this training you will learn

- About DevOps' goals and vocabulary,
- Recognizing the value of your business, and transfer it to your organization,
- Concepts and practices related to ITIL,
- Agile and Lean Management, the use of DevOps in your organization,
- integration in the continuous improvement process.

DevOps is a methodical approach that complements the ITIL framework, especially Service Transition in the area of Change, Release and Configuration Management, to optimize the collaboration between the development, engineering and operational organization, thus enabling fast release cycles become. DevOps relies on a common, holistic responsibility for results without violating the separation of duties. DevOps aims for stability and continuous availability of service-relevant systems and applications as well as overcoming the breakages between the various organizations. New or existing services with extended features can be introduced faster, cheaper distortion-free and seamless. DevOps is a methodical approach that systematically fosters close collaboration between developers and operations, enabling shorter development and release cycles. DevOps relies on shared, holistic earnings responsibility in IT organizations focused on stability and continuous availability.

Goal

- You know the vocabulary of DevOps
- You know the Principles of DevOps
- You are able to accompany an introduction of DevOps in your company

Content

- Objectives, Mindset and Benefit
- Agile Culture and Agile Methods
- Basis Concepts
- Principle of the three ways
- Organization
- Deployment Pipeline & Testing
- Continuous Integration
- Continual Learning
- Information Security
- Change Management
- Exam (Optional)

Certificate

- EXIN DevOps Professional

Target group

- IT Senior Management
- Security, Quality und Lean IT Manager
- Organization Change Manager
- Project Manager (Business / IT)
- Business Sponsor
- Business Process Owner
- Service Owner, Service Manager
- Process Owner, Process Manager
- Application Owner, Application Manager
- Agile Scrum Master
- Agile Product Owner
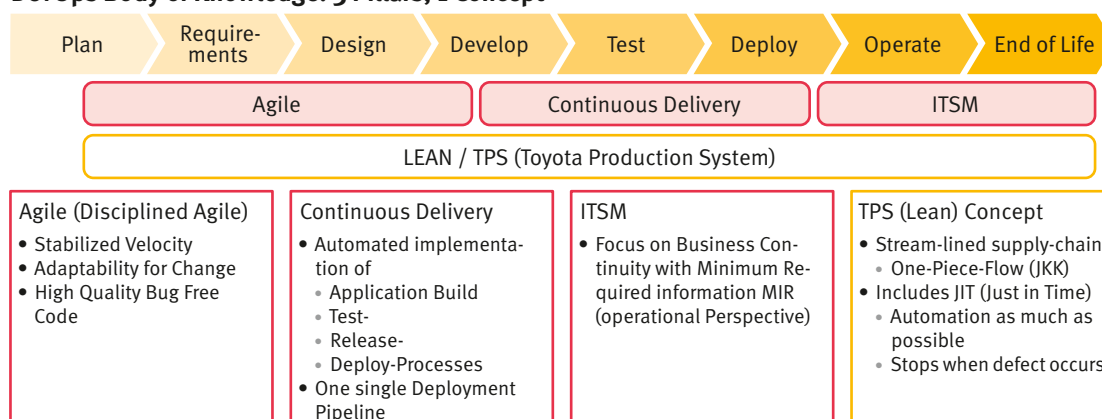
Prerequisites

- None

Trainer

Mathias Traugott, BBA, ITIL Master & IT Governance expert has internalized consistent, practiced customer orientation since being responsible for flight handling services and as Head of Customer Care for the IT organization of the Swiss airline.

As the person responsible for the holistic ITSM program at the largest Swiss mobile service provider (3-time award winner), he laid the foundation for the advisory career.

Meanwhile Mathias Traugott acts as Principal Consultant, Facilitator & Trainer in ITIL®, COBIT®, DevOps and as CEO of Punctdavista AG. As an advisor to the itSMF Germany, worldwide keynote speaker and author, he passes on his experience and actively shapes the topic of service providers in the digital world.

DevOps Body of Knowledge: 3 Pillars, 1 Concept

Plan	Require-ments	Design	Develop	Test	Deploy	Operate	End of Life

Agile		Continuous Delivery		ITSM	

LEAN / TPS (Toyota Production System)

Agile (Disciplined Agile)	Continuous Delivery	ITSM	TPS (Lean) Concept

• Stabilized Velocity
• Adaptability for Change
• High Quality Bug Free Code
	• Automated implementation of
	  • Application Build
	  • Test-
	  • Release-
	  • Deploy-Processes
	• One single Deployment Pipeline
		• Focus on Business Continuity with Minimum Required information MIR (operational Perspective)	• Stream-lined supply-chain
			  • One-Piece-Flow (JKK)
			• Includes JIT (Just in Time)
			  • Automation as much as possible
			  • Stops when defect occurs

CPRE Foundation Level
Managing Requirements Effectively — Requirements Engineering

IREB
Recognized
Training Provider

Trainer:
Rudolf Siebenhofer (*Sie*IT*MCi*)

Duration: 3 days

Continuous management of (customer)-requirements in projects

Motivation to participate

"When starting a project in most cases customers don't know their exactly demands but when they get the results delivered they know that THIS they don't want to get."

Based on that problem many projects fail. The challenge is to do THE RIGHT THINGs in the RIGHT WAY. Focusing on both is same important. To deal with the stakeholders requirements is the base for success or failure of projects.

The main focus of the seminar is: *How we can elicit requirements from customers; how we can document requirements in the right way; how we can validate all requirements and get them agreed by all stakeholders and how we can manage the requirements during the project life cycle.*

In this seminar you will learn

to use right processes and methods for the elicitation, documentation, validation, negotiation and the management of requirements in projects,

- Systemic view on projects and the products to be developed considering the whole system context.
- Methods to identify all relevant stakeholders.
- Effective methods for the elicitation of requirements for different domains and products.
- Suitable methods for the documentation of requirements whether using natural language or formal models like UML and others.
- Effective methods for the validation and negotiation of requirements with all relevant stakeholders.
- Managing requirements during the whole product development life cycle and methods for a suitable change management.
- Introducing effective support of the requirements engineering process by tools.

Requirements engineering has a technical dimension as well as a sales perspective. For the right management of requirements especially the soft skills of requirements engineers or business analysts have to be considered.
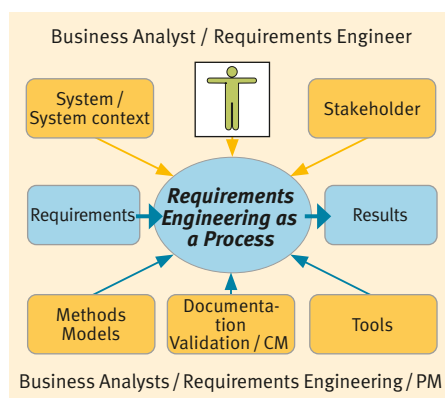
Seminar goals

During the seminar knowledge and competences are trained based on the syllabus of IREB as base for a certification as "Certified Professional for Requirements Engineering" Foundation Level of the International Requirements Engineering Board IREB.

Seminar content

Training of all elements of excellent requirements engineering

- System context analysis
- Analysis and management of stakeholders
- Eliciting requirements
- Interview techniques, creativity techniques
- Documentation in natural language
- Documentation using formal models
- Methods: evaluation — prioritization
- Validation of requirements
- Validation of requirements-specification documents
- Negotiation of requirements
- Models for conflict resolution
- Managing requirements changes
- Selection and introduction of tools for managing requirements

Business Analyst / Requirements Engineer

System / System context | Stakeholder
Requirements → **Requirements Engineering as a Process** → Results
Methods Models | Documentation Validation / CM | Tools

Business Analysts / Requirements Engineering / PM

Methodology — didactics

Presentation and discussions based on industrial case studies and many exercises and roll plays of participants especially focusing on the soft-skills of requirements engineers / business analysts for the effective management of requirements.

Pre assumptions

Experience in managing projects, für system development or experience in sales, technical sales for customer projects.

Target group

Requirements engineer, business analyst, project manager, team leader, sales team, developer, tester, stakeholder, management

Trainer

Ing. Rudolf Siebenhofer, CMC
More than 35 years international industry experience in IT, software engineering as well as project management in various domains like telecommunication industry, industry automation, automotive, airlines industry and healthcare sector.

Since 2010 he has been working as an independent IT and management consultant. Founder and owner of SieITMCi Siebenhofer. Consulting e.U., since 2003 university lecturer at the Institute for Applied Computer Science and Institute for Software Systems at the University of Klagenfurt. Until 2010 CEO of Siemens PSE (Nanjing) Co., Ltd.

Certified Professional Requirements Engineer (IREB), Certified Professional Software Architect (iSAQB), Certified Professional Scrum Master and Product Owner (srum.org), Certified Business Trainer (CNT). Certified Management Consultant (CMC).

CPRE Advanced Level — Elicitation 2.0
Systematic Elicitation of (Customer)-Requirements in Projects

Trainer:
Rudolf Siebenhofer (*Sie*IT*MC*i)

Duration: 3 days with an optional practice day

Motivation

"Successful Requirements Engineering as base for successful projects has as a precondition the consequent usage of suitable methods, processes and tools."

Exactly to fulfill this, many projects fail. The crucial point is, to do the right steps in the right way. To identify and understand the requirements is the base for success or failing of projects.

The topic in the focus of this seminar is (extension of the Foundation Level): **How we can plan and execute the elicitation of requirements systematically.**

In this training you will learn

to use the enhanced methods for the elicitation of requirements in projects with a special focus on planning the elicitation systematically.

- Concepts for the **structured planning** the elicitation process
- Systematically identify an **manage stakeholders** and different sources of requirements
- Required skills of requirements engineers managing the elicitation and consolidation of requirements (**soft skills**).
- Planning the elicitation for different sources of requirements sources with different process models including **Human Centered Design** approaches as documented in the standard
- EN/ISO/ÖNORM **9241–210:2010**
- Enhanced 19 **elicitation techniques:** gathering, design- and idea-generating, thinking tools
- Using the appropriate **conflict resolution techniques** in the process of requirements consolidation based on conflict identification and conflict analysis.
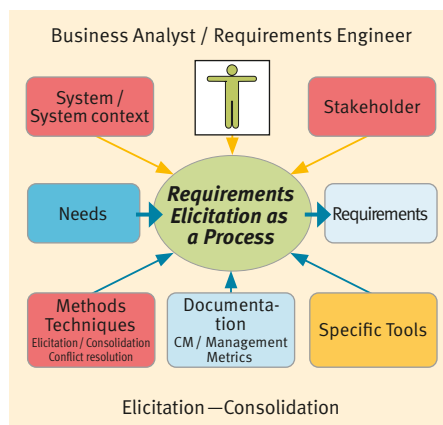
Seminar Goals

During the seminar knowledge and competences are trained based on the syllabus of IREB as base for a certification as "Certified Professional for Requirements Engineering Advanced Level Elicitation" of the International Requirements Engineering Board IREB.

Training Content

The whole content of the IREB Syllabus CPRE-Advanced Level Elicitation 2.0.1:

- **Enhanced view** of requirements engineering compared with the Foundation Level of CPRE (systematic planning, techniques)
- **Communication/Conflict Models**: F. Schulz von **Thun**, P. **Watzlawick**, F. **Glasl** and their application in the communication with stakeholders.
- Systematic managing of different sources of requirements, classification of requirements sources, classification of stakeholders, concept **PERSONA, ISO 9241–210** as pattern
- Instantiation of various **process patterns** for the requirements elicitation (waterfall, design-thinking, human-centered-design,
- Selecting the appropriate **elicitation techniques (19 techniques)**
- Selecting the appropriate technique for the consolidation of requirements and become familiar with various conflict resolution techniques
- **Soft skills** for further personal development

Business Analyst / Requirements Engineer

System / System context — Stakeholder — Needs — **Requirements Elicitation as a Process** — Requirements — Methods Techniques (Elicitation / Consolidation Conflict resolution) — Documentation CM / Management Metrics — Specific Tools

Elicitation — Consolidation

Methodology

Presentations supported by case studies and practical exercises and discussions based on examples. Using photo analysis / video analysis. Based also on theories of Schulz von Thun, F. Glasl, ISO 9241–210, Edward De Bono, …)

Prerequisites

Experience in managing projects, system development or experience in process or quality management.
Certificate CPRE Foundation Level (!)

Target Group

Software developer, domain experts, project manager, requirements engineers, product owner, Scrum master, business analysts, software architects.

Trainer

Ing. Rudolf Siebenhofer, CMC
More than 35 years international industry experience in IT, software engineering as well as project management in various domains like telecommunication industry, industry automation, automotive, airlines industry and healthcare sector.

Since 2010 he has been working as an independent IT and management consultant. Founder and owner of SieITMCi Siebenhofer. Consulting e.U., since 2003 university lecturer at the Institute for Applied Computer Science and Institute for Software Systems at the University of Klagenfurt. Until 2010 CEO of Siemens PSE (Nanjing) Co., Ltd.

Certified Professional Requirements Engineer (IREB), Certified Professional Software Architect (iSAQB), Certified Professional Scrum Master and Product Owner (srum.org), Certified Business Trainer (CNT). Certified Management Consultant (CMC).

RE@Agile Primer
Agile and Requirements Engineering (RE)

Trainer:
Rudolf Siebenhofer (*Sie*IT*MC*i)

Duration: 1 day

Concepts of agile frameworks (Agile) can be used together with well proven concepts of Requirements Engineering (RE) in order to create synergies between both effectively, if ...

Motivation

"Around the hype using agile methods and frameworks many misunderstandings can be seen — especially when trying to introduce Agile in organizations avoiding changes"

Many of the common used agile frameworks (Scrum etc.) provide a framework for "what to do", but do not specify in detail how to do developments.

The methods of RE can enhance these frameworks with well-proven and applicable practices The focus of this seminar is, to show how methods, processes and techniques of RE can be introduced and used in agile frameworks successfully.

In this seminar you will learn

how the methods, techniques and practices of Requirements Engineering — as defined in the concepts of IREB CPRE — can support the principles of the Agile Manifesto and the values and pillars of SCRUM.
- Relations between the Agile Manifesto with its principles/practices and the activities of RE.
- Usage of the knowledge areas of RE in agile frameworks and process models.
- How the typical practices in agile approaches can be supported by the concepts of RE.
- How the creation of artefacts in agile approaches can be better done by means of techniques and concepts of RE.
- Comparison and mapping of roles in agile frameworks with activities in RE.
- How RE can be processed in scaled agile projects.
- What has to be considered by the management when introducing Agile.

Training targets

The training imparts knowledge and competences how methods, practices and techniques of RE based on IREB CPRE can be put into practice in Agile projects.
(IREB Syllabus RE@Agile Primer)

Training content

Compact foundation knowledge of "Agile Requirements Engineering":
- **Principles** and **practices** of some selected agile frameworks / process models
- **Overview** about agile methods / frameworks (Scrum, SAFe, LeSS, ...)
- **Combination** of agile approaches wit Requirements Engineering based on IREB and creating synergies of them
- Handling requirements in agile processes — **Backlog Management**
- **Comparison** RE "classic" with RE Agile
- Requirements Engineering (RE) as **continuous process** in Agile
- Parameters for the **controlling** of RE in Agile projects.
- Specification, **documentation** and **management** of requirements in agile approaches.
- **Mapping** of the main activities of RE (elicitation, documentation, validation and consolidation, managing) of requirements in agile processes.
- **Organizational changes** necessary for the introduction of Agile with regards to RE
- **Tools** and their usage for RE in Agile frameworks.
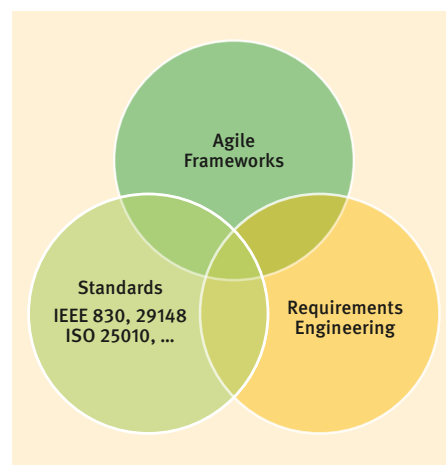
Methodology

Presentations supported by case studies and practical exercises and discussions based on examples. (RedmineUP, Jira, Confluence, Visual Studio, Sparx EA, microTOOL oRPM, Visual Paradigm).

Prerequisites

Experience in software development and knowledge about the own business processes and development / delivery processes.

Target group

Software Developer, Domain Experts, Project Manager, Requirements Engineers, Product Owner, Scrum Muster, Line Manager.

Trainer

Ing. Rudolf Siebenhofer, CMC
More than 35 years international industry experience in IT, software engineering as well as project management in various domains like telecommunication industry, industry automation, automotive, airlines industry and healthcare sector.

Since 2010 he has been working as an independent IT and management consultant. Founder and owner of SieITMCi Siebenhofer. Consulting e.U., since 2003 university lecturer at the Institute for Applied Computer Science and Institute for Software Systems at the University of Klagenfurt. Until 2010 CEO of Siemens PSE (Nanjing) Co., Ltd.

Certified Professional Requirements Engineer (IREB), Certified Professional Software Architect (iSAQB), Certified Professional Scrum Master and Product Owner (srum.org), Certified Business Trainer (CNT). Certified Management Consultant (CMC).

Successful Agile projects based on good managed Requirements Engineering.

Synergy of methods and practices:
RE AND AGILE

RE@Agile Advanced
Agile Requirements Engineering (RE)

Trainer:
Rudolf Siebenhofer (*Sie*IT*MCi*)

Duration: 2–3 days

Knowledge and competences using agile frameworks together with the concepts of Requirements Engineering successfully.

Motivation

"In today's complex projects with their typically high uncertainties of requirements and technical uncertainties the usage of agile frameworks can improve the success rate of such projects."

Many of the common used agile frameworks (Scrum etc.) provide a framework for "what to do", but do not specify in detail how to do the development.

The focus of this seminar is, to show how methods, processes and techniques of RE can be introduced and used in agile frameworks successfully. The training is based also on the "RE@Agile Primer" training. (1 day)

In this training you will learn

- How the methods, techniques and practices of Requirements Engineering — as defined in the concepts of IREB CPRE Syllabus — can be introduced successfully in agile projects.
- Preconditions for successful system development: To know the vision and goals for the system to be developed, to manage the stakeholder and to define the scope of the system precisely and in the right way.
- Backlog management in agile projects and the role of the product owner. Product owner doing RE.
- Handling of functional requirements, quality requirements and constraints in agile projects.
- Establishing the right granularity of requirements and splitting of user stories.
- Prioritization and estimation of requirements based on their business value, risks and team based dependencies.
- Scaling of requirements engineering methods in larger and even distributed agile teams.
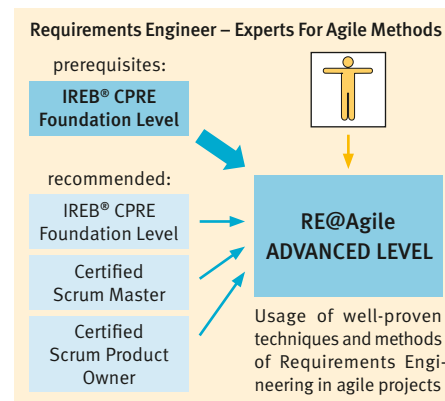
Training targets

The training imparts knowledge and competences how methods, practices and techniques of RE based on IREB CPRE can be put into practice in agile projects.
(IREB Syllabus RE@Agile Advanced Level)

Training content

Advanced level knowledge areas of "Agile Requirements Engineering":

- Principles and practices of some selected agile frameworks / models
- Specification of vision and goals in agile projects using suitable techniques. (PAM, Canvas, Vison Board, Product Vision Box etc.)
- Techniques and methods for the definition of the system scope. (Context Diagram, Story Board, UML)
- Using different levels of granularity for requirements at the right time for the right stakeholders
- Working with User Stories. (INVEST-criteria, 3C-principle, …)
- Documentation of requirements.
- Managing quality requirements and constraints (DoR, DoD)
- Prioritization techniques
- Estimation techniques in agile projects. (Planning Poker, Magic Estimation etc.)
- Scaling of agile RE techniques in larger / distributed teams with frameworks: SAFe, LeSS, NEXUS, …
- Tools and their usage for RE in agile frameworks

Requirements Engineer – Experts For Agile Methods

prerequisites:
IREB® CPRE Foundation Level

recommended:
IREB® CPRE Foundation Level
Certified Scrum Master
Certified Scrum Product Owner

RE@Agile ADVANCED LEVEL

Usage of well-proven techniques and methods of Requirements Engineering in agile projects

Methodology

Presentations supported by case studies and practical exercises and discussions based on examples. (RedmineUP, Jira, Confluence, Visual Studio, Sparx EA, microTOOL oRPM, Visual Paradigm).

Prerequisites

IREB CPRE Foundation Certificate
Basic knowledge about agile — experience in agile projects.

Target group

Software developer, domain experts, project manager, requirements engineers, product owner, Scrum master, line manager.

Trainer

Ing. Rudolf Siebenhofer, CMC
More than 35 years international industry experience in IT, software engineering as well as project management in various domains like telecommunication industry, industry automation, automotive, airlines industry and healthcare sector.

Since 2010 he has been working as an independent IT and management consultant. Founder and owner of SieITMCi Siebenhofer. Consulting e.U., since 2003 university lecturer at the Institute for Applied Computer Science and Institute for Software Systems at the University of Klagenfurt. Until 2010 CEO of Siemens PSE (Nanjing) Co., Ltd.

Certified Professional Requirements Engineer (IREB), Certified Professional Software Architect (iSAQB), Certified Professional Scrum Master and Product Owner (srum.org), Certified Business Trainer (CNT). Certified Management Consultant (CMC).

Successful Agile projects based on good managed Requirements Engineering.

Synergy of methods: RE AND AGILE

Agile@Kanban
Effectivity in Development and Service Delivery

Trainer:
Rudolf Siebenhofer (*Sie*IT*MC*i)

Duration: 1 Day

Motivation

Foundation knowledge of Kanban as method and usage of Kanban to manage agility. Usage of Kanban together with other process models like SCRUM (ScrumBAN)

"To optimize the flow of work across the whole system of value creation is much more effective than the local optimization of parts of the work. Exactly this is the core approach of Kanban".

Instead of optimizing the processing of singe steps of work, Kanban follows the approach to optimize the overall throughput of work in the system. With the overall result of a shorter cycle time of single work packages Kanban effectively supports the principles of agility.

The core topic of this seminar is the focus on the learning about the most important principles, methods, roles, ways of working and metrics of Kanban.

In this seminar you will

understand and learn how to use the methods and ways of working of Kanban and how you can design and create your own Kanban system based on your specific business processes and combine Kanban with your processes in a proper way. The building block for this are:
- The analysis of the Value Creation Processes as base for a Kanban system.
- The fundamental Kanban principles and starting based on your current situation.
- Usage of the PULL method instead of the PUSH method in segmented ways of value creation processes.
- The usage of metrics / KPIs as instruments for controlling and optimizing processes.
- Forecasting instead of time estimations.

Training targets

The seminar trains knowledge and competences in order to create and also use a Kanban system whether as personal Kanban system, a team Kanban system or a Kanban system for an organization or company. (For software development as well as service delivery)

Training content

Required knowledge and competences for using Kanban
- Basic principles and practices of Kanban
- Understanding of the processes of value creation end-to-end as a base for a Kanban system
- Definition of service classes based on the business processes as method for the prioritization based on the "costs of delay".
- Working with swim lanes for different kind of work.
- Creation, introduction and optimization of a Kanban board.
- Introduction of WiP Limits (ConWiP, column Limit etc. as base for controlling the flow of work.
- Measurements / metrics / diagrams as base for iterative improvements
- Methods of forecasting based on historical data instead of estimations.
- Meetings in Kanban — especially the control of entering new work to the input queue of the Kanban system from the backlog.
- Combination of Kanban with Scrum to a ScrumBan
- Recommended Kanban tools

Kanban Board (simplified)			
Topic	Input Queue	In Progress	Done
Development			
Maintenance			

Methodology

Presentations supported by case studies and practical exercises and discussions based on examples. (RedmineUP, Jira, Visual Studio, SparxEA).

Prerequisites

Experience in software development and a knowledge of the own business processes and development / delivery process.

Target group

Software developer, domain experts, project manager, requirements engineers, product owner.

Trainer

Ing. Rudolf Siebenhofer, CMC More than 35 years international industry experience in IT, software engineering as well as project management in various domains like telecommunication industry, industry automation, automotive, airlines industry and healthcare sector.

Since 2010 he has been working as an independent IT and management consultant. Founder and owner of *Sie*IT*MC*i Siebenhofer. Consulting e.U., since 2003 university lecturer at the Institute for Applied Computer Science and Institute for Software Systems at the University of Klagenfurt. Until 2010 CEO of Siemens PSE (Nanjing) Co., Ltd.

Certified Professional Requirements Engineer (IREB), Certified Professional Software Architect (iSAQB), Certified Professional Scrum Master and Product Owner (Scrum.org), Certified Business Trainer (CNT). Certified Management Consultant (CMC).

Doing the RIGHT WORK at the RIGHT TIME as base for successful projects.

Kanban as simple approach to be trained.

Seminar
Professional Agile/Scrum Developer

Competences for the practices developing complex software products using the Scrum Framework — Preparation for the Scrum PSD I assessment

Trainer: Rudolf Siebenhofer (*Sie*ITM*Ci*)

Duration: 3 days

Motivation

The success of Scrum Teams is based on the competences of the whole Scrum Team especially also the Scrum Developers.

Also Scrum Developers need to understand fully the Scrum Guide and the principles mentioned there.

The training for Scrum Developers focuses on the correct usage of the Scrum Framework during the development of products and all the necessary technical skills for this:
- To understand the Scrum Framework
- How to work within a Scrum Team
- Having Awareness to a Definition of Ready (DoR)
- Why the Backlog Refinement is a key activity for being successful as team
- How the Definition of Done (DoD) can support the Scrum Developers
- How Scrum Developers can support Product Owner for the slicing of Epics and features
- Agile architecture practices
- Using the XP practices of Test Driven Development and Pair Programming
- How to implement Agile Testing
- Avoiding Technical Depts
- How to setup and use DevOps practices

In this training you will learn

the fundamental competences for:
- Understanding the Scrum Framework for Scrum Developers
- Relevant agile methods and tools for developers in Scrum Teams
- Bringing the Scrum Framework into the daily work of Scrum Developers

This are core competences for members of a Scrum Developer Team.

Training Targets

The training imparts knowledge and competences about methods and practices required for a certification as "Professional Scrum Developer", e.g. based on Scrum.Org PSD I.

Training Content

Main elements for the training Agile/Scrum Developer
- Motivation for Scrum Developers to understand the Scrum framework
- Understanding the Scrum Guide for Scrum Developers
- Fundamentals of Agile concepts in Requirements Engineering for Scrum Developers including collective Code Ownership
- Contributions of Scrum Developers to various artifacts
- Agile Architecture practices
- Handling of functional requirements, quality requirements and constraints by Scrum developers
- Responsibilities of Scrum Developers in the Scrum Events (Backlog management, Backlog refinement, Sprint planning, Daily Scrum, Sprint Review and Sprint retrospective
- Aspects of Clean Code for Scrum Developers — ensuing Code Quality and avoiding Technical Depts
- Documentation principles for Scrum Developers
- Setup and usage of Continuous Integration
- Test methods for Scrum Developers including Test Driven development
- Concepts of DevOps for Scrum Developers

Methodology

Presentations supported by case studies and practical exercises and discussions based on examples including some recommended tools for DevOps.

Prerequisites

Knowledge and experience in Software development or software architecture and some experience working in software development teams.

Target Group

Software Developer, Software Architects, Scrum Development Team members.

Trainer

Ing. Rudolf Siebenhofer, CMC, More than 35 years international industry experience in IT, Software Engineering as well as Project Management in various domains like Telecommunication Industry, Industry Automation, Automotive, Airlines Industry and Healthcare Sector.

Since 2010 he has been working as an independent IT and management consultant. Founder and owner of SieITMCi Siebenhofer. Consulting e.U., since 2003 university lecturer at the Institute for Applied Computer Science and Institute for Software Systems at the University of Klagenfurt. Until 2010 CEO of Siemens PSE (Nanjing) Co., Ltd.

Certified Professional Requirements Engineer (IREB), Certified Professional Software Architect (iSAQB), Certified Professional Scrum Master and Product Owner (srum.org), Certified Professional Scrum with Kanban (scrum.org), Certified Business Trainer (CBT). Certified Management Consultant (CMC), Certified Digital Design Professional.

"To understand and practice Scrum is NOT the topic for the Scrum Master alone, it is required by the whole Scrum Team AND ESPECIALLY for the Scrum Developers"

Required Scrum Know-how
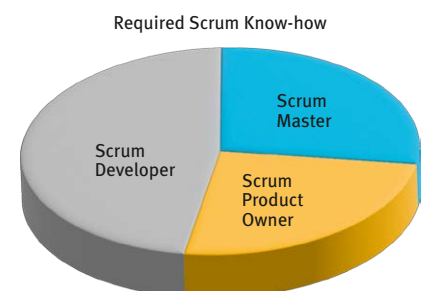
Currently mostly only Scrum Masters and Product Owners are certified.

Seminar

Digital Design Professional (DDP) – Foundation Level

Competences for the practices of Digital Design from the idea to the development and operation of digital solutions. Syllabus Version 1.1 (Foundation Level) – NEW 03/2022

Trainer: Rudolf Siebenhofer (*Sie*IT*M*Ci)

Duration: 3 days

Motivation

"A self-confident design profession is the key to successful and sustainable digitalization". (Source: The Digital Design Manisfesto, Bitkom 2018)

The new program **DDP Foundation Level** from IREB provides to all involved people on design and development processes for digital solutions the required competences.

The program has its focus on the guidelines of the Digital Manifesto:
- Good digital design looks at the person as a whole and anticipates the effects of the design results
- It is useful and usable.
- It is elegant and aesthetic.
- It is evolutionary and exploratory.
- It is sustainable and creates sustainability.
- It respects data protection and data security.
- It appreciates analog and digital means equally
- It uses digital means where this is necessary

In this training you will learn

the fundamental competences for:
- Design competences for the conceptual work
- Digital competences for the usage of technologies
- Cross-cutting skills for the management of involved teams.

DDP is not as a new role – DDP provides supplementary competences.

Training Targets

The training imparts knowledge and competences about methods and practices required for the certification "Certified Digital Design Professional", based on the IREB DDP standard.

Training Content

Main elements for the training Digital Design Professionals (DDP)
- Motivation for the new job profile Digital Design.
- Digital Manifesto
- Understanding of digital material for the construction of digital solutions.
- Basics of design processes ("Design Squiggle") based on D. Newman.
- Conceptual work in digital Design (DD)
- DD at solution level, system level and element level using pragmatic documentation techniques.
- Design Canvas
- Usage of various prototyping techniques in
- Relationship of technology and quality
- Basics of human perception models
- Business models for digital solutions
- People Management
- "Building processes" as social processes.
- Personality models and their importance in digital design (Keirsey Sorter Modell)
- Support of digital design by sufficient tools

Methodology

Presentations supported by case studies and practical exercises and discussions based on examples. (Usage of the case study YPRC in Confluence).

Prerequisites

Knowledge and experience in Requirements Engineering or software architecture or system development or management of teams.

Target Group

Software Developer, Domain Experts, Project Manager, Requirements Engineers, Product Owner, Scrum Muster, Line Manager
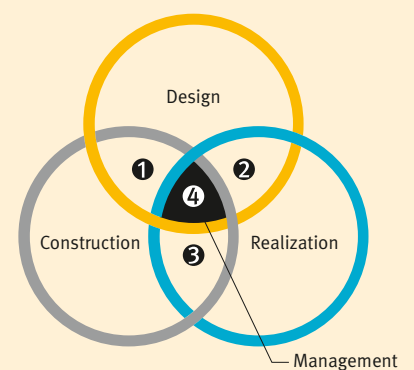
Trainer

Ing. Rudolf Siebenhofer, CMC More than 35 years international industry experience in IT, Software Engineering as well as Project Management in various domains like Telecommunication Industry, Industry Automation, Automotive, Airlines Industry and Healthcare Sector.

Since 2010 he has been working as an independent IT and management consultant. Founder and owner of SieITMCi Siebenhofer. Consulting e.U., since 2003 university lecturer at the Institute for Applied Computer Science and Institute for Software Systems at the University of Klagenfurt. Until 2010 CEO of Siemens PSE (Nanjing) Co., Ltd.

Certified Professional Requirements Engineer (IREB), Certified Professional Software Architect (iSAQB), Certified Professional Scrum Master and Product Owner (scrum.org), Certified Professional Scrum with Kanban (scrum.org), Certified Business Trainer (CBT). Certified Management Consultant (CMC), Certified Digital Design Professional.

"Good Digital Design can be achieved only through transdisciplinary teamwork with a team that can cover the diversity of Digital Design skills." (DDP Syllabus)

Open Source in Business: License Compliance and Quality Assurance

Trainer:
Albert Hayr

Duration: 1 day

Software is dominating the world and open source the software. Today it is nearly impossible to design software without open source. It is the answer to the rapid progress in the software industry. Companies are creating together technology to save cost and keep the required pace.

Open source helps to create technology, but it also creates other challenges for companies. Two special topics are obvious — license compliance and quality assurance. To deal in a professional way with open source is a musts — the right awareness is mandatory.

Awareness is the prerequisite to act responsible.

The goal of the seminar is to create the right awareness and to be able to act responsible with open source in business. The main topics are "understanding open source", license compliance and quality assurance.

One of the main complexities is that there is no one-size-fits-all recipe. There are always individual factors which are depending on the company itself. The huge number of licenses, which may require different obligations, based on the type of implementation and usage, need to be individual addressed for the different use cases of a company, to do it efficient. Also, the huge number of different open source projects, which all per definition have no warranty, but you need to provide warranty, need a careful selection. To fulfill all license obligations is a must. Only with the right background knowledge you will be able to address the topic efficient and competitive and to create a process which will be lived. With the right strategy you can also create synergies and optimize your development.

The seminar is a base to initiate or optimize a professional approach with open source.
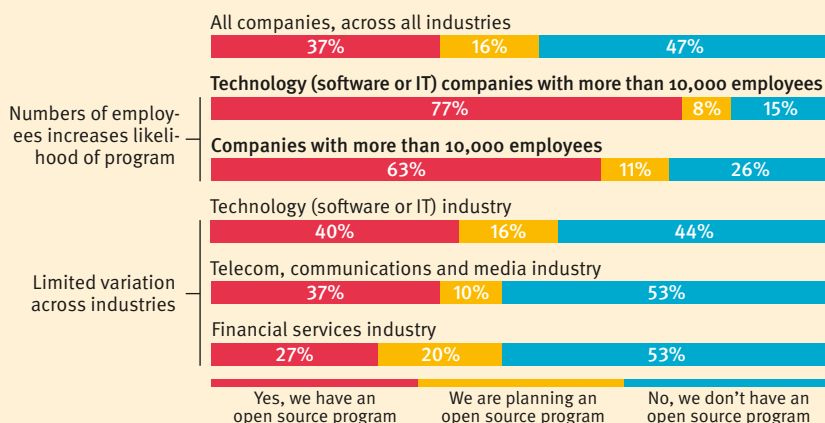
The target group are all those who are involved in this topic, no matter if direct working with open source or being responsible for a company success. The actual role and position are secondary. Whether managers, legal or R&D employees, all need the right awareness to act responsible.

The Trainer:

Albert Hayr. His passion is open source and technology and has been for more than 20 years. This passion not only shapes his profession, where he is working as a software and systems architect for several years. It is a full-time vocation that runs continuously through all areas of his life. Almost for every hobby and interest you can write a piece of software to optimize it with technology. It started at the end of the last millennium with Linux in his spare time. In the telecommunications industry, where he grew up professionally, he has learned the crucial things about high availability and quality-oriented thinking. He recognized the potential of and the inevitable trend towards open source very early. In the 2000s, where he was meticulously focused on using open source software in business, as he was convinced of the long-term success, he was ridiculed by many. In addition to design creative technical solutions and understanding it in detail, this time also required him persuasiveness. He also had to address all non-technical requirements in order to convince his environment. Today, he is focused on solution-oriented and goal-oriented thinking, with the most effective solution in the foreground. Since he is still an admin, developer and tester in his spare time, he can also support in his professional role as a software and systems architect at every step of the development process, which is a huge advantage in today‹s complex solutions.

Large Companies, Especially Those at Internet-Scale, Most Likely to Have an Open Source Program

Numbers of employees increases likelihood of program

All companies, across all industries
| 37% | 16% | 47% |

Technology (software or IT) companies with more than 10,000 employees
| 77% | 8% | 15% |

Companies with more than 10,000 employees
| 63% | 11% | 26% |

Limited variation across industries

Technology (software or IT) industry
| 40% | 16% | 44% |

Telecom, communications and media industry
| 37% | 10% | 53% |

Financial services industry
| 27% | 20% | 53% |

Yes, we have an open source program — We are planning an open source program — No, we don't have an open source program

Source: Open Source Program Survey. Q. Does your company have an open source program (either formal or informal) or management initiative? Full sample n = 748. Technology (software or IT) with >10,000 employees, n = 39; >10,000 employees, n = 160; Technology (software or IT), n = 206; Telecom, communications or media, n = 60; Financial services, n = 45.

ITIL 4® Foundation Certification

Trainer:
Mathias Traugott (Punctdavista)

Duration: 2 days

Teaser

- Digitization requires IT-based processes.
- Customers expect seamless service delivery that translates into immediate benefits, meaning added value.
- In ITIL4® the value chain is in the center.
- ITIL4® is not an isolated framework but integrates practices from the lean IT model and DevOps.
- In our training courses you will acquire the necessary tools to transform IT organization into a high performing business enabler.
- The ITIL4® Foundation certification is a prerequisite for the advanced ITIL4® courses

ITIL4® Foundation exam

- 40 Multiple-Choice Questions, 26 correct answers (65%) are required, Duration 60'
- Certification Authority is peoplecert
- Certification Provider is the itSMF e.V. (Germany)

Goal

- You understand the key words of ITIL4®
- You gain an understanding of how the ITIL Guiding Principles help the organization adopt and adapt service management
- You know the goals and purpose of the ITIL® practices

Content

- Understanding the Service Management Framework according to ITIL4®
  – Structure and Advantages of ITIL4®
- Basic concepts, key concepts and definitions of ITIL4®
  – Value and Value creation
  – Product and Service
- 4 Dimensions of Service Management
- Service Value System
- All 34 ITIL® Practices, their goals and integration into the Service Value Chain
- The following practices are considered in more detail.
  – Continual Improvement
  – Change Control
  – Incident Management
  – Problem Management
  – Service Request Management
  – Service Desk and Service Level Management

Certificate

- ITIL4® Foundation

Target group

- IT Senior Management, IT Manager & IT Consultants
- Service Manager and Solution Architects
- Operation Manager and Process Manager
- Business Manager
- Security Manager

Prerequisites

- Interest

Trainer

Mathias Traugott, BBA, ITIL Master & IT Governance expert has internalized consistent, practiced customer orientation since being responsible for flight handling services and as Head of Customer Care for the IT organization of the Swiss airline.

As the person responsible for the holistic ITSM program at the largest Swiss mobile service provider (3-time award winner), he laid the foundation for the advisory career.

Meanwhile Mathias Traugott acts as Principal Consultant, Facilitator & Trainer in ITIL®, COBIT®, DevOps and as CEO of Punctdavista AG. As an advisor to the itSMF Germany, worldwide keynote speaker and author, he passes on his experience and actively shapes the topic of service providers in the digital world.

ITIL 4® Upgrade Certification

Trainer:
Mathias Traugott (Punctdavista)

Duration: 1 day

Teaser

- You are certified in ITIL V3 and know that digitization is based on IT processes
- You are aware that customer satisfaction and effective customer benefits are key competitive advantages
- Take the step from Service Lifecycle to Service Value System
- Recognize the added value of comprehensive practices towards processes
- Create the step into new ways of working by integrating lean IT models and DevOps
- ITIL4® Foundation Exam
- 40 Multiple-Choice Questions, 26 correct answers (65%) are required, Duration 60'
- Certification Authority is peoplecert
- Certification Provider is the itSMF e.V. (Germany)

Goal

- You understand the key words of ITIL4®
- You gain an understanding of how the ITIL Guiding Principles help the organization adopt and adapt service management
- You know the goals and purpose of the ITIL® practices

Content

- Understanding the Service Management Framework according to ITIL4®
  – Structure and Advantages of ITIL4®
- Basic concepts, key concepts and definitions of ITIL4®
  – Value and Value creation
  – Product and Service
- 4 Dimension of Service Management
- Service Value System
- All 34 ITIL® Practices, their goals and integration into the Service Value Chain
- The following practices are considered in more detail.
  – Continual Improvement
  – Change Control
  – Incident Management
  – Problem Management
  – Service Request Management
  – Service Desk and Service Level Management

Certificate

- ITIL4® Foundation

Target group

- IT Senior Management, IT Manager & IT Consultants
- Service Manager and Solution Architects
- Operation Manager and Process Manager
- Business Manager
- Security Manager

Prerequisites

- Interest

Trainer

Mathias Traugott, BBA, ITIL Master & IT Governance expert has internalized consistent, practiced customer orientation since being responsible for flight handling services and as Head of Customer Care for the IT organization of the Swiss airline.

As the person responsible for the holistic ITSM program at the largest Swiss mobile service provider (3-time award winner), he laid the foundation for the advisory career.

Meanwhile Mathias Traugott acts as Principal Consultant, Facilitator & Trainer in ITIL®, COBIT®, DevOps and as CEO of Punctdavista AG. As an advisor to the itSMF Germany, worldwide keynote speaker and author, he passes on his experience and actively shapes the topic of service providers in the digital world.

Certified Information Systems Security Professional (CISSP)

In Cooperation with SBA Research gGmbH

Trainer:
Dr. Ulrich Bayer (SBA Research)

Duration: 5 days

For the next generation of information security leaders

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.

Backed by (ISC)², the globally recognized, nonprofit organization dedicated to advancing the information security field, the CISSP was the first credential in the field of information security to meet the stringent requirements of ISO/IEC Standard 17024. Not only is the CISSP an objective measure of excellence, but also a globally recognized standard of achievement.

Who should obtain the CISSP certification?

The CISSP is ideal for those working in positions such as, but not limited to:
- 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

The CISSP Helps You:

- Validate your proven competence gained through years of experience in information security
- Demonstrate your technical knowledge, skills, and abilities to effectively develop a holistic security program set against globally accepted standards
- Differentiate yourself from other candidates for desirable job openings in the fast-growing information security market
- Affirm your commitment to the field and ongoing relevancy through continuing professional education and understanding of the most current best practices
- Gain access to valuable career resources, such as networking and ideas exchange with peers

Learning objectives

- Understand and apply the concepts of risk assessment, risk analysis, data classification, and security awareness and Implement risk management and the principles used to support it (Risk avoidance, Risk acceptance, Risk mitigation, Risk transference)
- Apply a comprehensive and rigorous method for describing a current and/or future structure and behavior for an organization's security processes, information security systems, personnel, and organizational sub-units so that these practices and processes align with the organization's core goals and strategic direction and address the frameworks and policies, concepts, principles, structures, and standards used to establish criteria for the protection of information assets, as well as to assess the effectiveness of that protection and establish the foundation of a comprehensive and proactive security program to ensure the protection of an organization's information assets
- Apply a comprehensive and rigorous method for describing a current and/or future structure and behavior for an organization's security processes, information security systems, personnel, and organizational sub-units so that these practices and processes align with the organization's core goals and strategic direction and examine the principles, means, and methods of applying mathematical algorithms and data transformations to information to ensure its integrity, confidentiality, and authenticity
- Understand the structures, transmission methods, transport formats, and security measures used to provide confidentiality, integrity, and availability for transmissions over private and public communications networks and media and identify risks that can be quantitatively and qualitatively measured to support the building of business cases to drive proactive security in the enterprise.
- Offer greater visibility into determining who or what may have altered data or system information, potentially affecting the integrity of those asset and match an entity, such as a person or a computer system, with the actions that entity takes against valuable assets, allowing organizations to have a better understanding of the state of their security posture.
- Plan for technology development, including risk, and evaluate the system design against mission requirements, and identify where competitive prototyping and other evaluation techniques fit in the process
- Protect and control information processing assets in centralized and distributed environments and execute the daily tasks required to keep security services operating reliably and efficiently.
- Understand the Software Development Life Cycle (SDLC) and how to apply security to it, and identify which security control(s) are appropriate for the development environment, and assess the effectiveness of software security

Globally recognized standard in information security

The CISSP draws from a comprehensive, up-to-date, global common body of knowledge that ensures security leaders have a deep knowledge and understanding of new threats, technologies, regulations, standards, and practices. The CISSP exam tests one's competence in the 8 domains of the CISSP CBK, which cover:
- Security and Risk Management
- Asset Security
- Security Engineering
- Communications and Network Security
- Identity and Access Management
- Security Assessment and Testing
- Security Operations
- Software Development Security

Developing Web Applications — Secure Coding

Trainer:
Ulrich Bayer (SBA Research GmbH)

Duration: 3 days

Goals

The course aims at informing developers about the riskiest and most frequent programming flaws in web applications and providing testers with the knowledge required to test security-relevant applications. Apart from the pure transfer of knowledge, the course focuses on the security awareness of software developers. The theoretical concepts of the course are illustrated by many live demonstrations. This allows the attendees to gain insight into the approach of typical hackers, shows how easy it is to realize certain attacks with mature hacking tools and demonstrates the often underestimated impact of security vulnerabilities. The major objective of the training is to convince developers that a secure programming style is important and to raise awareness so that the software security level is increased, regardless of the current attack methods.

Audience

The course is designed for software developers and testers of web applications. No previous knowledge about secure software development is required.

Contents

During the course, the most typical and the riskiest security vulnerabilities of modern web applications — among those the ones listed by the OWASP organization — are discussed.

The attendees will be guided through hands-on exercises, both for the attacking and the defending side. Therefore, an own laptop is required to attend the training. The discussed attack vectors and the defensive measures can be tried out in a dedicated test environment, thereby reinforcing the concepts the attendees had previously learned. The attendees will learn the approach of hackers and the usage of available hacking tools so that they are able to build secure web applications.

As most attack scenarios are similar across all modern web applications (Java, .NET, PHP, Python, Perl etc.), the course contents are independent of a specific programming language. Security vulnerabilities which can only be found in low-level programming languages such as C and C++ (e.g., buffer overflows, integer overflows, format string vulnerabilities) are not part of this course. The code samples are written in Java, C#, PHP, or pseudocode.

Extract of the contents

- Information Disclosure
- Cross-Site-Scripting
- SQL Injections
- OS Command Injections
- Session Hijacking
- Session Authentication
- Cross-Site Request Forgery
- Security Misconfiguration
- Insecure Cryptographic Storage
- Unvalidated Redirects and Forwards
- Insufficient Transport Layer Protection
- Open Redirects
- Insecure File Upload
- TLS Attacks and Coutermeasures
- Secure Storage of Passwords
- Ajax Security
- Advanced Cross-Site Scripting/Malicious JavaScript
- Command & Control with JavaScript
- CSS History Hack
- Data URI
- General Security Concepts / Secure Architecture

Course completion

You will receive a confirmation of participation in the course.

Notes

You are required to bring your own laptop in order to attend the course. This is required so that the course attendees actively deal and experiment with the knowledge gained. The attendees can thereby put the theoretical knowledge into practice.

Language: English (course material in English)

Trainer

Ulrich Bayer has completed his Ph.D. in the beginning of 2010 under the guidance of Engin Kirda and Christopher Kruegel at the TU Wien. In this time he has performed research in the field of malware analysis and created and led the development of Anubis, a tool for the automated dynamic analysis of malware. He spent 1.5 years as a visiting scientist at the research center Eurecom in France. Bayer is a CISSP, CSSLP and CEH. He regularly gives courses and talks on secure application development and penetration testing. He is an accredited auditor for ÖNORM A 7700, the official standard for web application security in Austria.

CON●ECT
EVENTMANAGEMENT

CON•ECT Eventmanagement GmbH
1070 Vienna, Kaiserstrasse 14/2
Tel.: +43 – 1 – 522 36 36 – 36
office@conect.at,   www.conect.at
www.xing.com/events/widgets/company/394468

Contact:
Bettina Hainschink (hainschink@conect.at

Customers Who Trust in Our Seminars