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Sign Up

Professional Scrum with Kanban™ (PSK I) Certification Training

3 days (21 hours)

Overview

The Professional Scrum with Kanban™ (PSK I) Certification Training prepares you for the official PSK I™ certification from Scrum.org™ and for applying Kanban practices in a Scrum environment to improve flow, transparency, and the predictability of deliveries.

This intermediate-level course goes beyond simply visualizing tasks to help you understand how Scrum and Kanban complement each other without altering the framework's fundamentals. You'll learn to analyze workflow, make blockers visible, and manage work in progress in a way that's tailored to your team.

You will master the four Kanban practices applicable to Scrum: workflow visualization, limiting work in progress (WIP), active management of items in progress, and continuous improvement of the workflow. Flow metrics, such as cycle time, throughput, and item age, will help you build a more reliable approach to delivery.

The Professional Scrum with Kanban™ (PSK I) Certification training prepares you for the requirements of the official PSK I exam. You will study typical scenarios, the interpretation of metrics, the use of Kanban practices during Scrum events, and common pitfalls encountered during the exam.

Upon completion of the training, you will be able to implement a Kanban system tailored to a Scrum Team, improve the predictability of its deliveries, and sit for the certification exam with an operational understanding of the validated competencies.

Like all our training courses, this one will introduce you to **the latest stable version** of the technology and its new features.

Objectives

- Explain the combined use of Scrum™ and Kanban in a product team
- Visualize a workflow and define explicit work management policies
- Apply WIP limits to improve flow and reduce blockers
- Interpret flow metrics, including throughput, cycle time, and item age
- Use Kanban practices in Scrum events to enhance transparency and predictability
- Effectively prepare for the official PSK I certification exam

Target Audience

- Scrum Master
- Product Owner
- Software Developer
- Agile Coach
- Agile Project Manager

Prerequisites

- Practical knowledge of the Scrum framework
- Experience working on a product or project team using Agile methods
- Understanding of Scrum roles, events, and artifacts
- Recommended reading: the Scrum Guide and the Kanban Guide for Scrum Teams

Technical Prerequisites

- Stable internet connection without filtering that blocks collaboration tools
- A modern web browser, such as Google Chrome, Mozilla Firefox, Microsoft Edge, or Safari
- Access to a work email address for course materials and exam preparation instructions

Curriculum for our Professional Scrum with Kanban™ (PSK I) training

[Day 1 - Morning]

Fundamentals of Scrum and Flow

- Overview of the PSK I certification, assessed competency areas, and preparation strategy
- Review of Scrum principles: empiricism, transparency, inspection, and adaptation
- Understanding the concept of flow in a Scrum Team and its impact on value creation
- Distinguishing a task board from a true Kanban system

- Identifying common misconceptions about the combination of Scrum and Kanban
- Hands-on workshop: Analyzing how a Scrum team operates and mapping the primary sources of congestion in its flow.

[Day 1 – Afternoon]

Design a Kanban workflow

- Define the actual workflow from when an item is committed until it is completed
- Visualize the Sprint Backlog using a Kanban board tailored to the team's context
- Establish explicit policies for columns, transitions, and release criteria
- Understand work items, dependencies, queues, and blockers
- Link workflow transparency to artifacts and the Sprint goal
- Hands-on workshop: Design a Kanban board, its explicit policies, and its workflow for a specific product case.

[Day 2 - Morning]

Managing Work in Progress

- Understanding the role of WIP limits in controlling flow
- Determining work-in-progress limits consistent with the team's capacity
- Learning to actively manage items in progress, rather than systematically starting new work
- Address blockages, aging items, and bottlenecks
- Implement a collaborative approach to finish work before starting more
- Hands-on workshop: Adjust WIP limits and define actions to clear backlogs based on an overloaded board.

[Day 2 - Afternoon]

Measuring and improving predictability

- Discover key flow metrics: WIP, throughput, item age, and cycle time
- Interpret flow data without confusing system metrics with individual performance evaluations
- Use cycle time to identify variations and opportunities for improvement
- Develop a Service Level Expectation to communicate a realistic lead time expectation
- Link metrics to predictability, decision-making, and continuous improvement
- Hands-on workshop: Use a flow dataset to calculate metrics and formulate a Service Level Expectation.

[Day 3 - Morning]

Integrating Kanban with Scrum events

- Use the Kanban board during Sprint Planning to clarify capacity and expected flow
- Focus the Daily Scrum on blockers, item age, and the Sprint goal
- Enrich the Sprint Review with flow data that is useful to stakeholders
- Use the Sprint Retrospective to review and adapt the workflow and policies
- Preserve Scrum responsibilities, artifacts, and events when adopting Kanban
- Hands-on workshop: Prepare and facilitate a flow-focused Daily Scrum based on a team scenario.

[Day 3 - Afternoon]

Review and preparation for the PSK I exam

- Review key concepts from the Kanban Guide for Scrum Teams and their connections to the Scrum Guide
- Analyze certification scenarios related to flow, WIP, metrics, and Scrum events
- Identify ambiguous wording, common pitfalls, and the reasoning expected on the exam PSK I
- Develop a targeted study plan and time-management strategy for the exam
- Consolidate preparation practices, areas for improvement, and resources for self-study
- Hands-on workshop: conduct a mock exam, review answers as a group, and develop an individual preparation plan.

Target Companies

This training is intended for both individuals and companies—large or small—that wish to train their teams in new, advanced IT technology or to acquire specific professional knowledge or modern methods.

Entry-Level Assessment

The pre-training assessment complies with Qualiopi quality standards. Upon final registration, the learner receives a self-assessment questionnaire that allows us to evaluate their estimated proficiency level across various types of technologies, as well as their expectations and personal goals for the upcoming training, within the limits imposed by the selected format. This questionnaire also allows us to anticipate certain connection or internal security issues within the company (intra-company or virtual classroom) that could pose challenges for monitoring and ensuring the smooth running of the training session.

Teaching Methods

Hands-On Training: 60% Practical, 40% Theoretical. Training materials distributed in digital format to all participants.

Organization

The course alternates between theoretical input from the instructor—supported by examples and reflection sessions—and group work.

Assessment

At the end of the session, a multiple-choice quiz is administered to verify that participants have successfully acquired the skills.

Certification

A certificate will be issued to each trainee who has completed the entire training program.

Training organization registered under number 11 75 54743 75. This registration does not constitute state accreditation.
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