



*Training Course:
Agile Software Development*

3 - 7 August 2025

Cairo (Egypt)

Holiday Inn & Suites Cairo Maadi, an IHG Hotel

Training Course: Agile Software Development

Training Course code: SC235986 From: 3 - 7 August 2025 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 3875 € Euro

Introduction:

This Agile Software Development training program is designed by Global Horizon Training Center to equip software professionals, project managers, team leaders, and developers with the tools, techniques, and mindset necessary to implement and manage Agile frameworks effectively. As organizations shift toward iterative development and continuous delivery, Agile methodologies like Scrum, Kanban, and SAFe have become essential for successful project execution and customer satisfaction.

Training Objectives:

By the end of this training, participants will be able to:

- Understand Agile principles and values based on the Agile Manifesto.
- Differentiate between various Agile methodologies and frameworks Scrum, Kanban, XP, SAFe.
- Implement Agile planning, estimation, and delivery practices.
- Define user stories, manage backlogs, and conduct effective sprint planning.
- Facilitate Agile ceremonies such as stand-ups, retrospectives, and demos.
- Lead Agile teams and manage roles like Scrum Master and Product Owner effectively.
- Use Agile metrics and tools to track progress and enhance team performance.
- Integrate Agile with DevOps and Continuous Integration/Delivery practices.

Course Methodology:

- Interactive lectures and expert-led discussions
- Case studies and real-world Agile implementation scenarios
- Group activities, role-playing, and simulation of Agile ceremonies
- Practical workshops using Agile tools e.g., Jira, Trello
- Daily review sessions and quizzes to reinforce learning
- Hands-on exercises in creating user stories, sprint planning, and retrospectives

Organizational Impact:

Organizations that invest in this training will benefit by:

- Accelerating product delivery cycles with higher adaptability to change.
- Improving cross-functional team collaboration and ownership.
- Enhancing visibility and predictability in project execution.
- Reducing project risks through iterative development and continuous feedback.
- Building a culture of continuous improvement, innovation, and customer satisfaction.
- Increasing ROI on software development efforts through effective Agile practices.

Target Audience:

This course is ideal for:

- Software developers and engineers
- Project and program managers
- Scrum Masters and Product Owners
- Agile coaches and team leads
- QA professionals and business analysts
- IT managers and product managers
- Anyone involved in software development or delivery projects

Outlines:

Day 1: Agile Foundations and Principles

- Introduction to Agile and the Agile Manifesto
- Core values and principles of Agile
- Agile vs. Traditional Waterfall methodologies
- Overview of Agile frameworks Scrum, Kanban, XP, Lean, SAFe
- The Agile mindset and culture shift

Day 2: Scrum Framework in Practice

- Scrum roles: Product Owner, Scrum Master, Development Team
- Scrum events: Sprint, Planning, Daily Scrum, Review, Retrospective
- Scrum artifacts: Product Backlog, Sprint Backlog, Increment
- User stories and acceptance criteria
- Sprint planning and estimation Story Points, Planning Poker

Day 3: Agile Tools, Planning & Execution

- Agile release and iteration planning
- Velocity tracking and burn-down charts
- Using Agile project management tools e.g., Jira, Trello, Azure DevOps
- Introduction to Kanban and Lean principles
- Workflow visualization and WIP limits
- Hands-on session: Sprint simulation using an Agile tool

Day 4: Agile Leadership, Teams, and Quality

- Building and managing self-organizing Agile teams
- Agile leadership and servant leadership mindset
- Managing cross-functional collaboration and team dynamics
- Test-driven development TDD and continuous integration
- Definition of Done DoD and Agile quality assurance

Day 5: Scaling Agile and Organizational Adoption

- Scaling Agile for larger enterprises: SAFe, LeSS, Nexus
- Agile adoption roadmap and change management
- Agile metrics and performance tracking
- Integrating Agile with DevOps and CI/CD pipelines
- Final group activity: Designing an Agile implementation plan

- Course review, final assessment, and feedback session

Registration form on the Training Course: Agile Software Development

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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3 Oudai street, Aldouki,
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