



Agile IT Project Management: Mastering Scrum Framework & Agile Practices



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Course Overview

Agile and Scrum have revolutionized the way IT projects are managed by focusing on flexibility, collaboration, and delivering incremental value. These methodologies empower teams to respond to change efficiently, prioritize customer satisfaction, and foster continuous improvement.

This 5-day training program equips participants with a comprehensive understanding of Agile principles and Scrum practices. Through a combination of theoretical knowledge, practical exercises, and real-world case studies, participants will gain the skills needed to manage IT projects effectively using Agile and Scrum.

Target Audience

- IT project managers and team leads.
- Software developers and engineers.
- Scrum masters and Agile coaches.
- Business analysts and product owners.
- IT professionals transitioning to Agile methodologies.
- Executives and stakeholders involved in IT project oversight.

Targeted Organizational Departments

- IT & Software Development
- Project Management Office PMO
- Business Analysis & Product Management
- Quality Assurance QA
- Executive Leadership & Strategy

Targeted Industries

- Software Development & IT Services
- Financial Services & Fintech
- Healthcare & Pharmaceuticals
- Telecommunications & Engineering
- Retail & E-commerce



Course Offerings

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

- Master scrum roles, responsibilities, and artefacts product backlog, sprint backlog, increments
- Develop agile sprint planning and execution skills using Jira and Trello
- Learn agile estimation techniques planning poker, story points, T-shirt sizing
- Utilize Kanban boards and burndown charts for agile project tracking
- Understand agile stakeholder management and scope change handling
- Apply scrum daily stand-up best practices for effective team collaboration
- Scale agile methodologies with SAFe, LeSS, and other frameworks
- Implement real-world agile project simulations for practical application

Training Methodology

- **Interactive Lectures:** To provide foundational knowledge and context.
- **Workshops and Exercises:** For hands-on practice of Agile and Scrum techniques.
- **Case Studies:** Real-world applications to reinforce learning.
- **Group Discussions:** To share experiences and address challenges.

Course Toolbox

Participants will gain access to:

- Comprehensive course ebooks and agile methodology guides
- Agile and scrum templates for sprint planning and backlog management
- Case study documents featuring real-world agile project scenarios
- Insights into agile tracking tools Jira, Trello for hands-on practice

Course Agenda

Day 1: Introduction to Agile Project Management

- **Topic 1:** Overview of Agile methodologies and their history
- **Topic 2:** Core values and principles of the Agile Manifesto
- **Topic 3:** Agile vs traditional project management approaches
- **Topic 4:** Benefits and challenges of implementing Agile in IT projects
- **Topic 5:** Identifying Agile principles in real-world scenarios
- **Topic 6:** Agile project management best practices for IT professionals
- **Reflection & Review:** Discuss key takeaways from Agile fundamentals and its impact on IT projects



Day 2: Understanding Scrum Framework & Agile Roles

- **Topic 1:** Key roles in Scrum: Scrum Master, Product Owner, and Development Team
- **Topic 2:** Scrum artifacts: Product Backlog, Sprint Backlog, and Increment
- **Topic 3:** Scrum events: Sprint Planning, Daily Scrum, Sprint Review, and Retrospective
- **Topic 4:** Agile team collaboration techniques for IT projects
- **Topic 5:** Designing a Product Backlog and Sprint Backlog for an IT project
- **Topic 6:** Agile stakeholder management and handling project expectations
- **Reflection & Review:** Insights on how Scrum roles and collaboration impact IT project success

Day 3: Agile Planning, Estimation & Execution

- **Topic 1:** Agile approaches to IT project planning
- **Topic 2:** Agile estimation techniques: Story Points, Planning Poker, and T-Shirt Sizing
- **Topic 3:** Sprint planning and execution best practices
- **Topic 4:** IT project tracking with Burndown Charts and Kanban Boards
- **Topic 5:** Managing scope changes and Agile project adaptation
- **Topic 6:** Case study: Developing an Agile project plan and execution strategy
- **Reflection & Review:** Evaluating project planning and estimation techniques

Day 4: Agile Project Tracking, Tools & Scaling

- **Topic 1:** Tracking progress in Agile projects using Jira and Trello
- **Topic 2:** Advanced Scrum practices for IT teams and organizations
- **Topic 3:** Scaling Agile for large teams and enterprises SAFe, LeSS
- **Topic 4:** Sprint review and retrospective methods for continuous improvement
- **Topic 5:** Overcoming Agile and Scrum implementation challenges in IT organizations
- **Topic 6:** Best practices for Agile project management case studies
- **Reflection & Review:** Discussion on the role of Agile tools and methodologies in large-scale IT projects

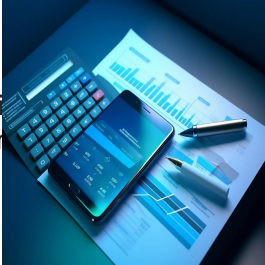
Day 5: Agile Project Simulation & Continuous Improvement

- **Topic 1:** Full-scale Agile IT project simulation
- **Topic 2:** Strategies for continuous improvement in Agile projects
- **Topic 3:** Agile leadership training for IT project managers
- **Topic 4:** Common pitfalls in Agile IT project execution and solutions
- **Topic 5:** Certification preparation and next steps for Agile career growth
- **Topic 6:** Agile mindset transformation and fostering innovation in IT teams
- **Reflection & Review:** Course wrap-up, final Q&A, and discussion on applying Agile skills in real-world projects

FAQ



• What specific prerequisites are required for participants before enrolling in the course?



Finance and Accounting Training Courses



Agile PM and Project Management Training Courses



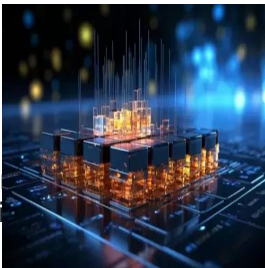
Certified Courses By International Bodies



Communication and Public Relations Training Courses

required for the entire course?

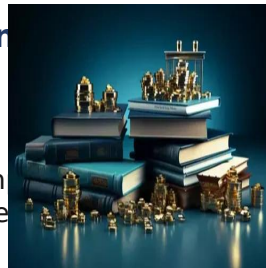
Each session lasts approximately 4-5 hours, including lectures, hands-on exercises, and discussions. The total course duration is 5 days 20-25 hours of instruction.



Data Analytics Training and Data Science Management Courses



Environment & Sustainability Training Courses



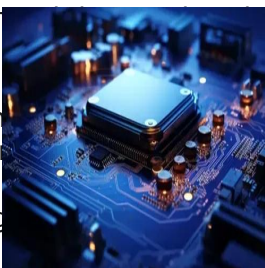
Governance, Risk and Compliance Training Courses



Human Resources Training and Development Courses

How This Course is Different from Other Agile IT Project Management Courses

The Agile IT Project Management course offers a hands-on, IT-focused approach to mastering the Scrum framework and Agile practices. Unlike traditional courses, it emphasizes practical experience through simulations, backlogs, and daily stand-ups.



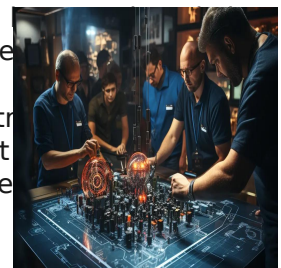
IT Security Training & IT Training Courses



Leadership and Management Training Courses



Legal Training, Procurement and Contracting Courses



Maintenance, Training and Engineering Training Courses

By the end, participants will have practical skills and knowledge in Agile methodologies, making them more competitive in IT project management. This course is ideal for Scrum Masters, Agile Coaches, IT Project Managers, and development teams seeking to enhance their Agile capabilities.



Training Course Categories



Marketing, Customer Relations, and Sales Courses



Occupational Health, Safety and Security Training Courses



Oil & Gas Training and Other Technical Courses



Personal & Self-Development Training Courses



Quality and Operations Management Training Courses



Secretarial and Administration Training Courses



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Training Cities



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Doha - Qatar



Dubai - UAE



Geneva - Switzerland



Istanbul - Turkey



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Langkawi - Malaysia



London - UK



Madrid - Spain



Manama - Bahrain



Milan - Italy



Nairobi - Kenya



Paris - France



Phuket - Thailand



Prague - Czech Republic



Rome - Italy



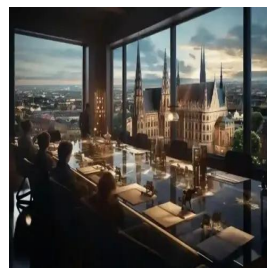
Sharm El-Sheikh - Egypt



Tbilisi - Georgia



Tokyo - Japan



Vienna - Austria



Zanzibar - Tanzania



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**Zoom - Online
Training**

WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.



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