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## **PMI Agile Certified Practitioner (PMI-ACP) Training**

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## PMI Agile Certified Practitioner (PMI-ACP) Training

### Overview

- Introduction to Agile principles, methodologies, and frameworks based on PMI-ACP certification domains
  - Understanding Agile mindset, values, and principles for modern project management
  - Learning how to manage Agile projects using adaptive and iterative approaches
  - Understanding Agile frameworks such as Scrum, Kanban, Lean, XP, and Crystal
  - Developing practical skills in Agile planning, estimation, team collaboration, and delivery
  - Understanding Agile leadership, stakeholder engagement, and continuous improvement
  - Introduction to Agile tools, techniques, and best practices used in real-world projects
  - Preparation for the PMI-ACP certification examination
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### Training Objectives

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

- Understand Agile principles, values, and mindset
- Explain the differences between Agile and traditional project management approaches
- Understand key Agile frameworks and methodologies
- Apply Agile planning, estimation, and delivery techniques
- Manage Agile teams and stakeholder engagement effectively
- Understand Agile project lifecycle and adaptive planning
- Identify Agile risks, issues, and quality management approaches
- Apply continuous improvement and retrospective practices

- Understand servant leadership and team empowerment concepts
  - Use Agile metrics and reporting techniques
  - Improve collaboration, communication, and value delivery
  - Prepare for the PMI-ACP certification examination
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## **Training Outline**

### **Module 1: Introduction to Agile and PMI-ACP**

- What is Agile?
  - Evolution of Agile methodologies
  - Agile Manifesto and principles
  - Benefits of Agile project management
  - Overview of PMI-ACP certification
  - Agile mindset and culture
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### **Module 2: Agile Frameworks and Methodologies**

- Scrum framework
  - Kanban methodology
  - Lean principles
  - Extreme Programming (XP)
  - Crystal methodology
  - Feature-Driven Development (FDD)
  - Dynamic Systems Development Method (DSDM)
  - Comparison between Agile frameworks
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### **Module 3: Agile Project Lifecycle**

- Agile project phases
  - Product vision and roadmap
  - Iterative and incremental delivery
  - Adaptive planning concepts
  - Release planning
  - Sprint and iteration management
  - Agile delivery lifecycle
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### **Module 4: Agile Roles and Responsibilities**

- Product Owner role
  - Scrum Master role
  - Agile team responsibilities
  - Stakeholder engagement
  - Servant leadership
  - Team collaboration and empowerment
  - Cross-functional teams
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### **Module 5: Agile Planning and Estimation**

- Agile planning techniques
- User stories and story writing
- Product backlog management
- Sprint backlog management
- Story points and estimation methods
- Planning poker

- Velocity and forecasting
  - Prioritization techniques
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### **Module 6: Agile Communication and Collaboration**

- Daily stand-up meetings
  - Sprint reviews and demos
  - Retrospectives
  - Information radiators
  - Agile communication techniques
  - Conflict resolution
  - Stakeholder communication
  - Distributed and remote Agile teams
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### **Module 7: Agile Quality and Risk Management**

- Agile quality principles
  - Definition of Done (DoD)
  - Test-driven development (TDD)
  - Continuous integration concepts
  - Risk identification and mitigation
  - Technical debt management
  - Quality assurance in Agile environments
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### **Module 8: Agile Monitoring and Metrics**

- Agile performance metrics
- Burndown and burnup charts
- Velocity tracking

- Cycle time and lead time
  - Earned value concepts in Agile
  - Reporting and transparency
  - Continuous improvement metrics
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### **Module 9: Agile Tools and Best Practices**

- Agile project management tools
  - Kanban boards and task tracking
  - Backlog refinement techniques
  - Scaling Agile concepts
  - Agile governance
  - Best practices for Agile adoption
  - Common Agile implementation challenges
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### **Module 10: Practical Agile Scenarios and Workshops**

- Scrum simulation exercises
  - User story workshops
  - Sprint planning exercises
  - Retrospective activities
  - Agile estimation exercises
  - Real-world Agile project case studies
  - Team collaboration scenarios
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## **Module 11: PMI-ACP Certification Preparation**

- PMI-ACP exam structure and domains
- Exam question techniques
- Practice questions and mock exams
- Agile terminology review
- Study guidance and preparation tips
- Exam readiness assessment