

PMI-ACP - PMI Agile Certified Practitioner

Course Code: PMI-ACP

Duration: 3 days

Instructor-led Training (ILT)

OVERVIEW

The PMI Agile Certified Practitioner (PMI-ACP)[®] formally recognizes your knowledge of agile principles and your skill with agile techniques. It will make you shine even brighter to your employers, stakeholders and peers.

The PMI-ACP[®] is our fastest growing certification, and it's no wonder. Organizations that are highly agile and responsive to market dynamics complete more of their projects successfully than their slower-moving counterparts — 75 percent versus 56 percent — as shown in our 2015 Pulse of the Profession[®] report.

The PMI-ACP spans many approaches to agile such as Scrum, Kanban, Lean, extreme programming (XP) and test-driven development (TDD.) So it will increase your versatility, wherever your projects may take you.

SKILLS COVERED

Prepare trainees for obtaining the PMI – ACP certification. Additionally, the course should also help you to:

- Apply agile practices on specific project situations;
- Understand the agile approach, during the requirement, analysis, design, development, tests and deployment phases;
- Understand the challenges of the agile approach in project management;

- Determine if the agile approach is an option considering the project situation and environment;
- Adapt the agile approach;

WHO SHOULD ATTEND?

If you work on agile teams or if your organization is adopting agile practices, the PMI-ACP is a good choice for you. Compared with other agile certifications based solely on training and exams, the PMI-ACP is evidence of your real-world, hands-on experience and skill.

PREREQUISITES

General Project Experience:

- 2,000 hours working on project teams
- These hours must be earned within the last 5 years
- Active PMP[®] or PgMP[®] will satisfy this requirement

Agile Project Experience:

- 1500 hours working on agile project teams or with agile methodologies
- These hours are in addition to the 2,000 hours required in “general project experience”
- These hours must be earned within the last 3 years
- 8 months of agile project experience within the last 3 years

Training in Agile Practices

- 21 contact hours
- Hours must be earned in agile practices

Examination

- Tests knowledge of agile fundamentals

MODULES

Day 1 (9am – 5pm)

Module 1: About The PMI-ACPM Certification and The Exam

Module 2: Introduction to Agile

- Agile History
- Agile Manifesto
- Agile vs Waterfall

Module 3: Project Selection

- Project Charter
- Project Selection Methods

Module 4: Define Requirements

- Brainstorming
- Root-Cause Analysis
- 20/20 Vision
- "Buy a Feature"
- The Apprentice
- "Product Box"
- "Prune the Product Tree"
- Force Field Analysis
- "Parking Lot"
- Personas and Extreme Personas
- Wireframes

Day 2 (9am – 5pm)

Module 5: Agile Planning

- Release and Iteration Planning
- Vision Document
- Product Roadmap
- Themes
- Epic Stories
- User Stories and Story Cards
- Story Maps

- Features
- Minimal Marketable Feature
- Tasks
- Value Stream Mapping
- Progressive Elaboration
- Rolling Wave Planning
- Test-First Development
- Agile Modeling
- Time Boxing
- Continuous Integration

Module 6: Agile Estimating

- Relative Sizing
- Delphi and Wideband Delphi
- Planning Poker
- Affinity Diagramming
- Ideal Time
- Velocity
- Cycle Time
- Burn Rate
- Product Backlog

Module 7: Working With Agile

- Backlogs
- Quality Management
- Verification and Validation
- Kaizen
- WIP Limits
- Retrospectives
- Change Management
- Escaped Defects
- Smells
- Spikes
- Kaizen
- Refactoring
- Risk-Adjusted Backlogs

Day 3 (9am – 5pm)

Module 8: Communication

- Osmosis Communication
- Burn Up and Burn Down Charts
- Kanban Boards

- Radiators
- Cumulative Flow Diagram

Module 9: Stakeholder And Team

- Management
- Collaboration
- Motivation
- Negotiation
- Emotional Intelligence
- Conflict Management
- Leadership

Module 10: Earned Value Management

- Earned Value Adjusted to Agile
- Reporting

Module 11: Agile Methodologies

- Scrum
- XP
- Lean

END OF PAGE