

ShriLearning

Right Place for Top Leaders

Agile Certified Practitioner (PMI-ACP)

5 Weeks

Live Online Training



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LEARNING FROM THE CLASS

The Project Management Institute-Agile Certified Practitioner (PMI-ACP)®, a widely accepted credential in the Agile community, is a reflection of the holder's competence in carrying out project management using Agile practices. The certification mandatorily requires a combination of agile training, experience working on agile projects and a thorough comprehension of agile principles, practices, tools and techniques.

Considering that the number of organisations adopting Agile practices has increased exponentially over the past few years, the need for Project Management practitioners for implementing these agile techniques has also increased. Professionals who have worked on the Agile front as project managers or as team members have a lot to gain by aiming for the PMI- ACP® certification as this can give them the edge they need to be recognised for a project manager's role in an agile environment.

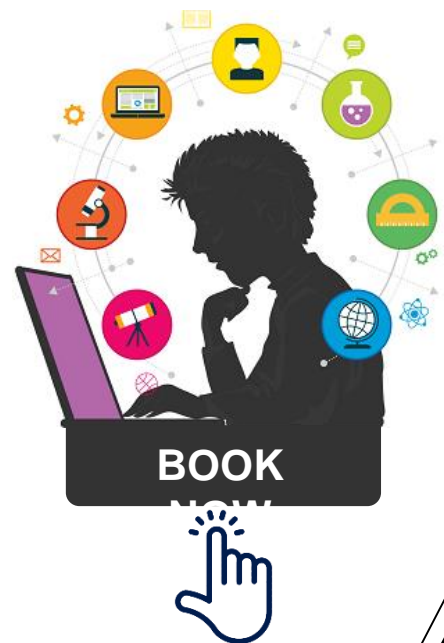
The PMI-ACP® certification trains you to excel in an Agile environment with Agile practices and principles. Offered by the Project Management Institute (PMI)®, the PMI-ACP® is a globally recognized credential that gives its holders lucrative career opportunities and higher salary packages.

BENEFITS OF TRAINING

With a PMI-ACP® certification, one can lead an Agile project team by reducing errors and risks and optimize the results that are being produced.

World over, organizations have realized the value of Agile practices and are in need of capable agile practitioners who can implement agile practices and help realize business objectives. The PMI-ACP® certificate hence has great value not only among agilists but also recruiters hoping to fulfil industry hiring demands.

- The shortage of Project Managers has increased job opportunities in the Agile environment
- One can qualify for Agile jobs with expertise in Agile methods like Scrum, FDD, Kanban, etc. which are in demand in the industry
- A PMI-ACP® certified professional stands to earn \$108,000 on an average
- Equips an individual with knowledge of various Agile methods
- It makes you marketable as it opens doors to many project development methodologies



WHO SHOULD ATTEND THIS TRAINING

- ▶ Project & Program Managers
- ▶ Delivery Managers
- ▶ Project / Team Leaders
- ▶ Designers, Testers,
- ▶ Scrum Team Members
- ▶ IT Managers
- ▶ Project Team Members
- ▶ Quality Assurance Staff

AGENDA FOR MODULE 1

PMI ACP Course Preview

- Value of PMI-ACP Certification to the Professional
- Value of PMI-ACP Certification to the Organization
- PMI-ACP Eligibility Requirements
- PMI-ACP Timeline
- PMI-ACP Certification Fees
- PMI-ACP Certification Maintenance & Renewal
- PMI-ACP Exam Information
- PMI-ACP Exam Blueprint
- Practice Questions
- Sources of Information
- About the Agile Exam, Format and What is Tested

Introduction to Agile

- What is Agile
- How has Agile Evolved
- The Agile Manifesto
- Definition of Agile
- Benefits of Agile
- Agile: Real Life Example

Agile Methodologies

- Agile Methodologies, Frameworks, and Processes
- Scrum
- Scrum Roles
- Scrum Meetings
- Extreme Programming (XP)
- Extreme Programming Process Diagram
- Five Core Principles of XP
- The Crystal Methodologies
- Dynamic Systems Development Method (DSDM)
- Principles of DSDM Atern
- Feature Driven Development
- Feature Driven Development Cycle
- Agile Project Management and APM Framework
- The APM and PMBOK Guide
- Lean Software Development and Lean Principles
- Kanban and Lean Kanban Method
- Agile Controversy

AGENDA FOR MODULE 2

Communication

- Project Communication
- Information Radiators
- Task Boards
- Big Visible Charts
- Continuous Integration Build Health Indicators
- Effective Information Radiators
- Team Space
- Co-located Vs. Distributed Teams
- Osmotic Communications
- Daily Stand-up Meeting
- Agile Tooling

Agile Planning, Monitoring, and Adopting: Part 1

- Multiple Levels of Planning
- Aligning Agile Projects to Programs and Portfolios
- User Story: Card, Conversation, and Confirmation
- User Story: Attributes
- Story Card Information
- Theme and Epic
- Timeboxing
- Advantages of Timeboxing
- Prioritizing Requirements: MoSCoW
- Release Plan

Agile Planning, Monitoring, and Adopting: Part 2

- Velocity
- Iteration Plan
- Velocity-Driven Iteration Planning
- Commitment-Driven Iteration Planning
- Iteration: Mid-Course Corrections
- Release Plan Vs. Iteration Plan
- Release Burndown Chart
- Burndown Charts
- Burndown Bar Charts
- Burnup Charts
- Cumulative Flow Diagrams – CFD: Little's Law
- Work-in-Progress: Detailed

AGENDA FOR MODULE 3

Agile Planning, Monitoring, and Adopting: Part 3

- Kanban Boards
- Kanban Cards
- Retrospectives
- Techniques to Conduct Retrospectives
- Agile Process Tailoring

Agile Estimation: Part 1

- Measures of Size
- Relative Estimating
- Story Points
- Story Points and Estimating
- Value Points
- Ideal Days
- Comparing the Approaches
- Estimation Scale
- Planning Poker Lesson

Agile Estimation: Part 2

- Accuracy Vs Precision
- Wideband Delphi
- Wideband Delphi Process
- Affinity Estimation
- Estimation using T-Shirt Sizing
- Affinity Estimation Process
- Silent Relative Sizing
- Edit the Wall
- Place Items into Relative Size Buckets
- Store the Data

AGENDA FOR MODULE 4

Agile Analysis and Design

- Agile Product Roadmap
- Product Backlog
- Agile Story Maps
- Agile Wireframes
- Chartering
- Components of Agile Project Charter
- Agile Personas
- Agile Modeling

Agile Quality

- Quality in Agile
- Agile Frequent Verification and Validation
- Test First Development
- Acceptance Test Driven Development
- ATDD Cycle
- Definition of Done
- Checklist for Story Completion
- Continuous Integration

Soft Skills Negotiation

- Agile Emotional Intelligence
- EI and Scrum Masters/Agile Project Managers
- Emotional Intelligence Skills Assessment Framework
- Benefits of Emotional Intelligence
- Collaboration Technology
- Adaptive Leadership: 'Doing Agile' Tools
- Agile Negotiation and Conflict Management
- Five Levels of Conflict Management
- Agile Conflict Resolution
- Servant Leadership
- Agile Servant Leadership

AGENDA FOR MODULE 5

Value Based Prioritization

- Forecasting
- Time Value of Money: Terminologies
- Calculation of Future Value and Present Value
- Return on Investment
- Net Present Value
- Internal Rate of Return
- Payback Period
- Agile Compliance
- Prioritization
- Prioritizing Requirements: MoSCoW
- Prioritizing Requirements: Kano Model
- Categories: Kano Model
- Prioritization Requirements: Relative Weighting
- Agile Customer Valued Prioritization
- Minimum Marketable Feature
- Introduce Slack
- Manage Change

Agile Risk Management

- Risk Management in Agile
- Risk Adjusted Product Backlog
- Risk Management LifeCycle
- Risk Identification
- Risk Assessment: Categories
- Risk Assessment: Risk Census
- Risk Assessment: Risk Board
- Risk Burndown Chart
- Risk Response Strategies
- Risk Review
- Risk Profile Graphs
- Progressive Risk Reduction
- Risk Based Spike

AGENDA FOR MODULE 6

Agile Metrics

- Agile Metrics
- Types of Metrics
- Velocity
- Unit of Measure for Velocity
- Velocity at Work: Burn Charts
- Burndown Chart: Line Style
- Burndown Chart: Bar Style
- Burnup Chart
- Combined Burn Chart
- Cycle Time
- Lead Time Vs. Cycle Time
- Earned Value Management for Agile
- EVM Terminologies
- Earned Value Metrics with Formulae
- Earned Value: Planning Parameters
- EVM for Agile
- Baseline Metrics
- Measuring Metrics
- Result Interpretation
- Managing Scope Change
- Escaped Defects

Agile Value Stream Analysis

- Value Stream Mapping
- Value Stream Mapping: Process
- Mapping Seven Wastes of Lean Manufacturing to Software
- Agile Flowcharts
- Flowcharts Symbols
- Agile Spaghetti Diagrams
- Benefits of Spaghetti Diagram

AGENDA FOR MODULE 7

Knowledge and Skills: Part 1

- Active Listening
- The Agile Manifesto
- Assessing and Incorporating Community and Stakeholder Values
- Agile Brainstorming Session
- Building Empowered Teams
- Coaching and Mentoring within Teams
- Agile Coaching
- Coaching at Levels
- Skills of an Agile Coach

Knowledge and Skills: Part 2

- Agile Communication
- Feedback Techniques
- Incremental Delivery
- Knowledge Sharing
- Agile Problem Solving
- Agile Problem-Solving Techniques
- Agile Leadership

Knowledge and Skills: Part 3

- Project and Quality Standards for Agile Projects
- Stakeholder Management
- Agile Team Motivation
- Agile Team Motivation: Maslow's Theory
- Agile Team Motivation: Frederick Herzberg's Theory
- Agile Team Motivation: McClelland's Theory
- Agile Team Motivation: Boehm's Theory
- Building High-Performance Agile Teams
- Collaborating Collocated Teams
- Deliberately Distributed Teams
- Distributed Vs Collocated Teams
- Agile Facilitation Methods
- Agile Participatory Decision Making

AGENDA FOR MODULE 8

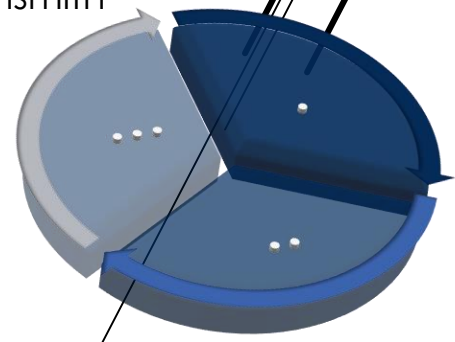
Knowledge and Skills: Part 4

- PMI Code of Ethics and Professional Conduct
- Process Analysis Techniques
- Self-Assessment
- Agile Contracts
- Fixed Price Fixed Scope Contract
- Time and Materials Contract
- T and M with Fixed Scope and Cost Ceiling
- T and M with Variable Scope and Cost Ceiling
- Agile Compliance
- Control Limits for Agile Projects
- Agile Failure Modes
- Agile Coach Failure Modes



“A traditional project manager focuses on following the plan with minimal changes, whereas an agile leader focuses on adapting successfully to inevitable changes.”

- Jim Highsmith



WHAT will you Learn?

- ▶ By attending our PMP 5 Week Live Online Training you will get,
 - ▶ Agile principles
 - ▶ Gain in-depth knowledge of Agile Manifesto, its methodologies, principles, tools, and techniques.
 - ▶ Scrum Framework and artifacts
 - ▶ Understand the Scrum Framework and artifacts, as well as roles and responsibilities.
 - ▶ Risk Management
 - ▶ Learn to mitigate risks and seize competitive advantage with Agile principles and values.
 - ▶ On-time delivery
 - ▶ Learn the best Agile concepts to meet project goals within time and budget constraints.
 - ▶ Soft skills
 - ▶ Developing soft skills like emotional intelligence, collaboration, conflict relationship, etc.
 - ▶ Essential tools
 - ▶ Learn different tools that lower defect density, enhance transparency and corporate reputation.

WHAT SHOULD YOU HAVE?

To apply for the PMI-ACP®, candidates must meet the following requirements:

1. General Project Experience

- 2000 hours of working on project teams within the last 5 years or having an active PMP®/PgMP® credential

2. Agile Project Experience

- 1500 hours of working on Agile Project Teams or with Agile Methodologies, in addition to “General Project Experience” above;

3. Training in Agile Practices

- 21 contact hours earned in Agile Practices

- ➔ This Live Online Training is conducted Online where you will have the flexibility to attend it from any comfortable place of yours with Laptop/Desktop and internet connectivity (With headset).

There is no any specific requirement of any software tool installation in your laptop before the training.



BOOK



“

“In an agile project the team takes care of the tasks and the project leader takes care of the team.” - Jim Highsmith

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WHY SHRILEARNING



Accredited Curriculum



**Instructor-Led
Classroom Training**



**One Stop
Training Solution**



**Customized
Hands-on Training**



**Trained Customers from
40+ countries**



**Trusted by
1000+ Corporates**



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