

## PMI Agile Certified Practitioner (PMI-ACP) Exam Preparation

### Overview

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This course provides participants with a foundation of the PMI-ACP® exam. Participants will be introduced to PMI Agile concepts and practices with banks of sample questions.

### Target Audience

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This course is designed for project leaders, scrum masters, coaches, product owners, and team members who intend on taking the PMI-ACP® exam.

### Course Outline

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#### 1 - PMI-ACP® Exam Preparation

- PMI-ACP® Exam Particulars Overview
- PMI-ACP® Exam Particulars
- PMI-ACP® Candidate Requirements
- PMI-ACP® Candidate Fees
- PMI-ACP® Exam Application Process

#### 2 - Core Agile Concepts

- Core Agile Concepts Overview
- Traditional Project Management Methodologies
- Drawbacks of Waterfall Methodologies
- Agile Approach
- Empirical Process Control
- Agile and Traditional Project Management
- Choice of Methodologies/Frameworks

#### 3 - The Agile Manifesto

- The Agile Manifesto Overview
- Manifesto Contributors
- Manifesto Values
- Manifesto Principles

#### 4 - Common Agile Methodology Elements

Common Agile Methodology Elements Overview  
Project (Product; Release) Initiation  
Agile Planning  
Iteration Planning and Executing

#### 5 - Project Initiation

Project Initiation Overview  
Determine Project Justifications and Metrics  
Provide Value-Driven Delivery  
Write Project Vision Statement  
Create Project Charter  
Identify Stakeholders and Leader/Coach  
Form Project Team

#### 6 - Agile Teams and Team Space

Agile Teams and Team Space Overview  
Scrum Master/Coach  
Product Owner/Customer  
Team Members/Developers (XP)  
Trackers and Testers  
Other Roles  
Team Space  
Physical Space Recommendations

#### 7 - Agile Planning

Agile Planning Overview  
Develop Epics and Stories  
Create Stories  
Non-Customer Facing Stories  
Personas and Extreme Personas  
Story Maps  
Estimating Stories  
Prioritizing Stories  
Create Product Backlog  
Create Product Roadmap  
Conduct Release Planning  
Create Parking Lot

## 8 - Iterations/Sprints

- Iterations/Sprints Overview
- Velocity Determination
- Iteration Planning Meeting
- Iteration Planning Guidelines
- Development
- Testing
- Daily Standup Meetings
- Progress Tracking
- Velocity Tracking

## 9 - Interpersonal Aspects of Agile

- Interpersonal Aspects of Agile Overview
- Methodologies and Uncertainty
- Coach/Scrum Master
- Team Motivation
- Soft Skills
- Emotional Intelligence
- Collaboration
- Negotiations
- Active listening
- Conflict Resolution
- Speed Leas' Model of Group Conflict
- Conducting Retrospectives
- Mindsets of Agile Coaches
- Leadership Stages
- Key Coaching Responsibilities

## 10 - Agile Methodologies

- Agile Methodologies Overview
- XP and Scrum Terms
- XP Terms and Concepts
- XP Primary Practices
- XP Corollary Practices
- Scrum
- Lean Software Development
- Seven Principles of Lean
- Seven Types of Muda
- Responsibilities
- Core Beliefs of Lean-Agile Software Development
- Other Principles of Lean-Agile Software Development
- Value Stream Mapping
- Lean-Agile Software Development Portfolio Management