
PMI Agile Certified Professional (PMI-ACP)® Exam Preparation

Overview

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

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

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