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

PMI-ACP® Exam Preperation

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

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

The Agile Manifesto

The Agile Manifesto Overview
Manifesto Contributors
Manifesto Values
Manifesto Principles
Common Agile Methodology Elements

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

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

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

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
Iterations/Sprints

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

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

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