

## **PMI Agile Certified Practitioner (PMI-ACP)®**

### **Course Outline**

#### **1. An Introduction to Agile**

- **Introduction to Project Management**
  - Overview of Project Management Concepts
  - The Role of Agile in Project Management
- **Agile Principles and Mindset**
  - Agile Manifesto and Principles
  - Understanding Agile Values and Mindset

#### **2. Life Cycle Selection**

- **Overview of Project Life Cycles**
  - Traditional vs. Agile Life Cycles
  - Choosing the Right Life Cycle for the Project
- **Life Cycle Selection**
  - Factors Influencing Life Cycle Selection
  - Matching Life Cycle to Project Needs

#### **3. Creating an Agile Environment**

- **Agile Mindset**
  - Embracing Agile Culture and Values
  - Promoting Agility in Teams
- **Servant Leadership**
  - Role of the Agile Leader
  - Supporting and Empowering Teams
- **Team Composition**
  - Building and Maintaining Agile Teams
  - Roles and Responsibilities in Agile Teams

#### **4. Delivering in an Agile Environment**

- **Agile Project Charter**
  - Creating and Managing an Agile Project Charter
  - Aligning the Charter with Agile Principles
- **Common Agile Practices**
  - Agile Ceremonies and Artifacts
  - Practices for Effective Agile Delivery
- **Troubleshooting Agile Project Challenges**
  - Common Challenges and Solutions
  - Techniques for Addressing Agile Issues
- **Measurements in Agile Projects**
  - Metrics for Agile Success
  - Tracking and Reporting Progress

#### **5. Organizational Considerations**

- **Organizational Considerations for Project Agility**

- Adapting Organizational Structures for Agility
- Agile Integration with Organizational Culture
- **Agile and the Project Management Office**
  - Role of the PMO in Agile Environments
  - Aligning PMO Practices with Agile Methods

## 6. Agile Approaches and Methods

- **Agile Scaled Approaches**
  - Frameworks for Scaling Agile (e.g., SAFe, LeSS)
  - Implementing Scaled Agile Practices
- **Agile Team Methods**
  - Scrum, Kanban, Extreme Programming (XP), and others
  - Selecting and Applying Agile Methods

## 7. Domain and Tasks

- **Agile Principles and Mindset**
  - Deep Dive into Agile Principles
  - Applying Agile Mindset in Practice
- **Value Driven Delivery**
  - Prioritizing Value in Agile Delivery
  - Techniques for Value-Based Decision Making
- **Stakeholder Engagement**
  - Strategies for Effective Stakeholder Engagement
  - Managing Stakeholder Expectations
- **Team Performance**
  - Enhancing Team Performance in Agile
  - Metrics and Techniques for Performance Improvement
- **Adaptive Planning**
  - Techniques for Adaptive and Flexible Planning
  - Responding to Changes and Uncertainties
- **Problem Detection and Resolution**
  - Identifying and Addressing Issues Early
  - Continuous Improvement and Problem Solving
- **Continuous Improvement**
  - Implementing Continuous Improvement Practices
  - Tools for Process Improvement

## 8. Agile Tools and Techniques

- **Agile Analysis and Design**
  - Techniques for Agile Analysis and Design
  - Iterative and Incremental Design Practices
- **Agile Estimation**
  - Estimation Techniques (e.g., Story Points, T-shirt Sizes)
  - Best Practices for Accurate Estimation
- **Communications**
  - Effective Communication in Agile Teams
  - Tools and Techniques for Agile Communication

- **Interpersonal Skills**
  - Enhancing Team Collaboration and Dynamics
  - Conflict Resolution and Negotiation Skills
- **Metrics**
  - Key Agile Metrics and Their Use
  - Measuring and Reporting Performance
- **Planning, Monitoring, and Adapting**
  - Planning Techniques in Agile
  - Monitoring Progress and Adapting Plans
- **Process Improvement**
  - Techniques for Improving Agile Processes
  - Leveraging Feedback for Continuous Enhancement
- **Product Quality**
  - Ensuring Quality in Agile Deliverables
  - Practices for Maintaining Product Quality
- **Risk Management**
  - Managing Risks in Agile Projects
  - Techniques for Risk Identification and Mitigation
- **Value-Based Prioritization**
  - Prioritizing Work Based on Value
  - Techniques for Value-Based Decision Making

## 9. Agile Knowledge and Skills

- **Agile Analysis and Design**
  - Essential Skills for Agile Analysis
  - Design Techniques for Agile Environments