

PMI Agile Certified Practitioner (PMI-ACP)®

Content

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