

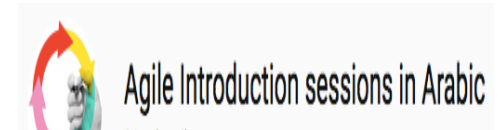


Agile Certified Practitioner PMI-ACP Course

Eng. Mahmoud Nassar

*IBM Agile Coach, Kanban Agile Coach
PMP®, PMI-ACP®, CSM®, 6Sigma yellow belt*

YouTube channel



Course Agenda:

- 1. Introduction**
- 2. Domain I. Agile Principles and Mindset**
- 3. Domain II. Value-driven Delivery**
- 4. Domain III. Stakeholder Engagement**
- 5. Domain IV. Team Performance**
- 6. Domain V. Adaptive Planning**
- 7. Domain VI. Problem Detection and Resolution**
- 8. Domain VII. Continuous Improvement**
- 9. Exam Tips & Tricks**
- 10. Course Closure**



PMI-ACP Course

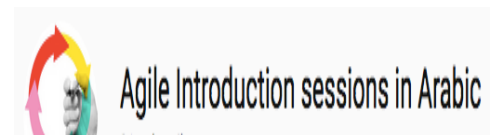
Introduction

Who's Teaching the Course?

- ***Graduated from Alexandria University (Faculty of Engineering- Communication)***
- ***Certified IBM Agile Coach***
- ***Certified Kanban Agile Coach***
- ***Holding few other certificate (ex: PMP® , PMI-ACP® , CSM® , Project+ , ...etc.)***
- ***15 years of Experience in IT, Project Management, People and services management.***
- ***3 years of Experience as Agile transformation Leader***

Facebook Group
Agile Tips & Tricks

YouTube channel



Why to take PMI-ACP Certificate



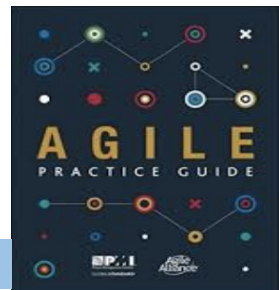
Course content Overview

- 1. Course will cover deep knowledge of the 7 Domains.***
- 2. Course will cover agile practitioner guide and also Exam tips & trick***
- 3. Course will contain questions at the end of each Domain.***
- 4. Key points to focus on while you are studying for the exam.***
- 5. Course will give you 21 hours of education & 21 PDUs***
- 6. You will get an certificate of course completion from Udemy***
- 7. You get in touch with Instructor incase of Audit to validate any content***

PMI-ACP Reference Materials

1. *Agile Estimating and Planning*
2. *Agile Practice Guide*
3. *Agile Project Management: Creating Innovative Products*
4. *Agile Retrospectives: Making Good Teams Great*
5. *Agile Software Development: The Cooperative Game*
6. *Coaching Agile Teams: A Companion for Scrum Masters, Agile Coaches, and Project Managers in Transition*
7. *Effective Project Management: Traditional, Agile, Extreme*
8. *Exploring Scrum: The Fundamentals*
9. *Kanban In Action*
10. *Kanban: Successful Evolutionary Change for your Technology Business*
11. *Lean-Agile Software Development*
12. *User Stories Applied: For Agile Software Development*

<https://www.pmi.org/certifications/types/agile-acp/references>



PMI ACP Exam prerequisites

- **2,000 hours of general project experience** working on teams. A current PMP® or PgMP® will satisfy this requirement but is not required to apply for the PMI-ACP.
- **1,500 hours working on agile** project teams or with agile methodologies. This requirement is in addition to the 2,000 hours of general project experience.
- **21 contact hours of training** in agile practices.

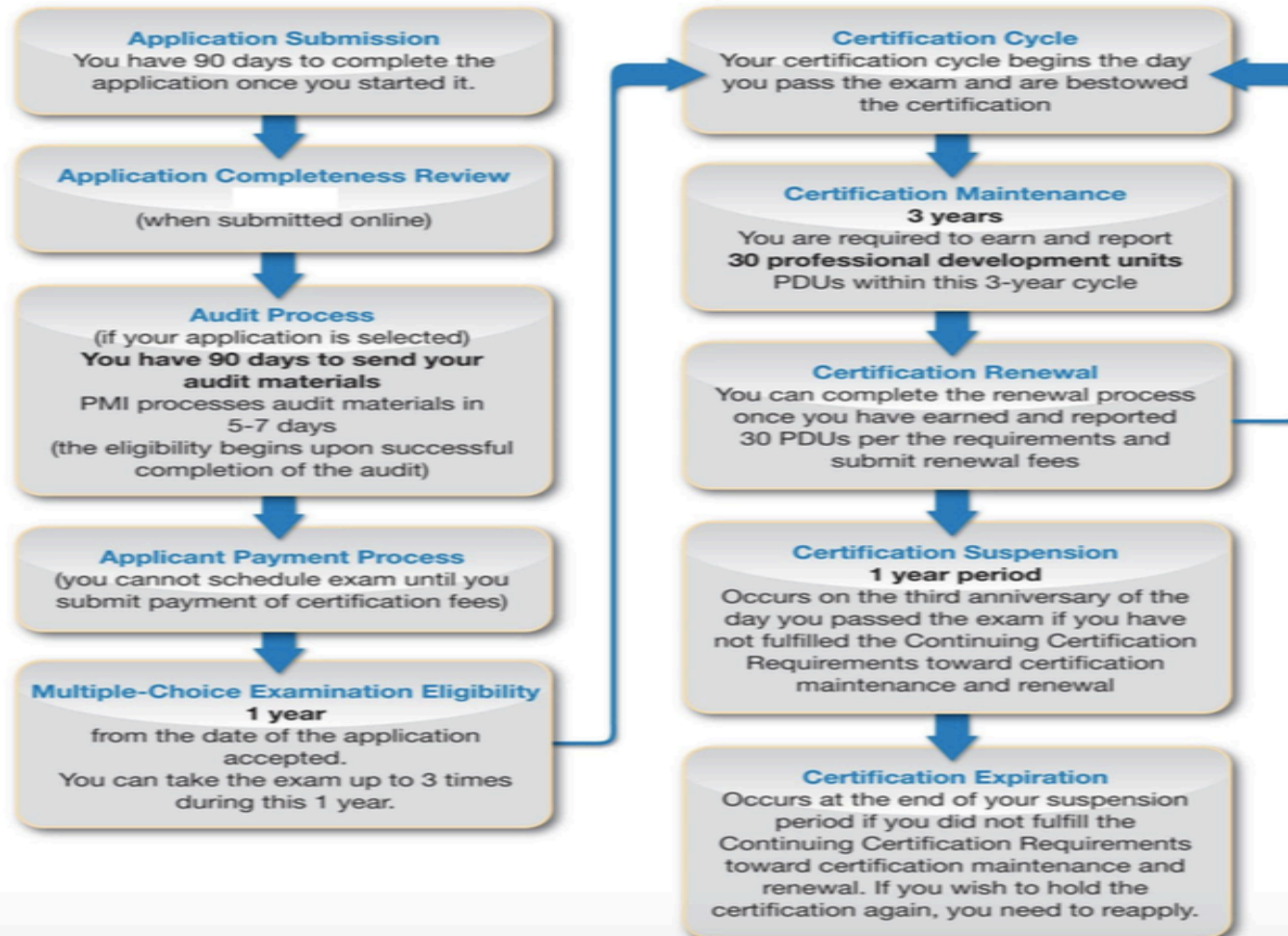
PMI ACP Exam Price

Member: US\$435.00

Non-member: US\$495.00

Overview of the PMI-ACP Certification

Timeline of the PMI-ACP Certification Process



PMI-ACP® EXAM CONTENT OUTLINE

- The PMI-ACP® exam consist of 100 scored items and 20 unscored (pre-test) items.
- The unscored items will not be identified and will be randomly distributed throughout the exam.
- Exam is 3 hours duration

The allocation of questions will be as follows:

Domain	Percentage of Items on Test	Tasks
Domain I. Agile Principles and Mindset	16%	9
Domain II. Value-driven Delivery	20%	11
Domain III. Stakeholder Engagement	17%	9
Domain IV. Team Performance	16%	9
Domain V. Adaptive Planning	12%	10
Domain VI. Problem Detection and Resolution	10%	5
Domain VII. Continuous Improvement (Product, Process, People)	9%	6

PMI-ACP® EXAM CONTENT OUTLINE

- Also, questions are distributed as follows:
 - 50% Agile Tools and Techniques
 - 50% Agile knowledge and skills

Agile Tools & Techniques (50%)

10 knowledge sections

- Communications
- Planning, monitoring, and adapting
- Agile estimation
- Agile analysis and design
- Product quality
- Soft skills negotiation
- Value-based prioritization
- Risk management
- Metrics
- Value stream analysis

Agile Tools & Techniques (50%)

Tools and Techniques include 10 knowledge sections, as follows:

1. **Communications** – Information Radiator, Team Space, Agile Tooling, Osmotic Communications
2. **Planning, Monitoring, & Adapting** – Retrospectives, Time boxing, Iteration, etc.
3. **Agile Estimation** – Relative Sizing/Story points, Wide Band Delphi/Planning Poker, Estimating
4. **Agile Analysis & Design** – Product Roadmap, Wireframes, Chartering, Agile Modeling
5. **Product Quality** – Frequent Verification & Validation, Test Based Development, etc.
6. **Soft Skills Negotiation** – Emotional Intelligence, Collaboration, Adaptive Leadership, etc.
7. **Value Based Prioritization** – ROI, Net Present Value, IRR, Compliance, MMF, Prioritization
8. **Risk Management** – Risk Adjusted Backlog, Risk Burndown Graphs, Risk Based Spike
9. **Metrics** – Velocity Cycle Time, Earned Value Management, Escaped Defects, Etc.
10. **Value Stream Analysis** – Value Stream Mapping, Etc.

Agile knowledge and skills (50%)

Level1 - 65%

1. Active Listening
2. Agile Manifesto Values and Principles
3. Assessing and incorporating community in stakeholder value
4. Brainstorming techniques
5. Building empowered teams
6. Coaching and mentoring within teams
7. Feedback techniques for product
8. Incremental delivery
9. Knowledge sharing
10. Leadership tools and techniques
11. Prioritization
12. Problem-solving strategies, tools and techniques
13. Project and quality standard for Agile projects
14. Stakeholder management
15. Team motivation
16. Time, budget and cost estimation
17. Value-based decomposition/ Prioritization

Level2 - 25%

1. Agile frameworks and terminology
2. Building high performance teams
3. Business case development
4. Colocation (Geographic proximity)/ distributed teams
5. Continuous improvement processes
6. Elements of a project charter for an Agile project
7. Facilitation methods
8. Participatory decision models
9. PMI's Code of Ethics Professional Conduct
10. Process analysis techniques
11. Self assessment
12. Value-based analysis

Level3 - 10%

1. Agile contracting methods
2. Agile project accounting principles
3. Applying new Agile practices
4. Compliance (organization)
5. Control limits for Agile projects
6. Failure modes and alternatives
7. Globalization, culture, and team diversity
8. Agile games
9. Principles of system thinking
10. Regulatory compliance
11. Variance and trend analysis
12. Variations in Agile methods and approaches
13. Vendor management



PMI ACP Course

End of Introduction Section

Eng. Mahmoud Nassar