

# PMI-ACP®: Preparation for Agile Certification

Hands-on course of 3 days - 21h

Ref.: CAG - Price 2024: CHF2 070 (excl. taxes)

## EDUCATIONAL OBJECTIVES

At the end of the training, the trainee will be able to:

Understand Agile contracts and the adaptability of Agile methods

Learn how to model user needs and define usage scenarios in Agile mode

Get an overview of the managerial aspects of an Agile project

Know the techniques for facilitating an Agile team, making estimates, and planning iterations

Understand the prioritization, events, and artifacts of an Agile project

Prepare for the PMI-ACP® exam

## TEACHING METHODS

Mock exams are regularly offered in order to review the matters covered and prepare for certification conditions.

## HANDS-ON WORK

A phased simulation exercise that incorporates all Agile areas of knowledge, tools, and techniques is offered.

## CERTIFICATION

The content taught makes reference to Scrum, XP, FDD, DSDM, Crystal, Lean SD& Kanban methods. They are in line with the PMI's Agile Practice Guide. To take the certification test, you must register and apply on PMI's website.

## THE PROGRAMME

last updated: 07/2021

### 1) Context of an Agile development

- Why opt for a development in agile mode?
- The range of agile methods: Scrum, XP, FDD, DSDM, Crystal, Lean SD & Kanban.
- Summary map of agile methods.

### 2) Determining the value chain in Agile mode

- Unique aspects of an Agile contract.
- Use of the indicators RSI, VAN and TRI.
- "User values": Relative prioritization.
- Planning within the team's capacity.
- Organizing a schedule and iteration scalability to satisfy the client environment.
- Tracking performance through earned value management.
- Incorporating change, re-prioritization, and feedback from the client to proceed with later iterations.

*Hands-on work : Simulation of an estimation meeting.*

### 3) Stakeholder engagement

- Building the vision: Prototyping tools, metaphors, and use cases to achieve a "roadmap/backlog".
- Communicating: "information radiators & burn up/down charts".
- Facilitation to protect the teams and resolve conflicts.

### 4) Improving the performance of Agile teams

- Managing with your emotional intelligence.

## TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

## ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

## TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

## TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

## ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at [psh-accueil@ORSYS.fr](mailto:psh-accueil@ORSYS.fr) to review your request and its feasibility.

- Keeping the teams focused using agile events.
- Moderating and arbitrating brainstorming sessions.
- Workspaces that strengthen team cohesion.
- Optimally integrating distributed teams.

#### 5) The adaptive schedule

- Agile planning concepts: "timeboxing".
- Agile estimates, relative complexities.
- The relationship between these complexities and the gradual drafting of the schedule.
- Establishing benchmarks to assign a workload to complexity estimates.
- Ending up with a prioritized agile release plan, on time and within the budget.

*Hands-on work : Building a sprint backlog.*

#### 6) Detecting and resolving anomalies

- Limiting coercive control.
- Increasing group responsibility (test-driven, simple design, refactoring).
- Collaborative practices (pair programming, continuous integration, etc.).
- Best practices: XP, "Escaped defect", and Lean SD.

#### 7) Continual improvement

- The "Kaizen Effect".
- Sharing knowledge.
- Working on the operability and cycle time of processes.
- Highlighting new agile practices.
- Maintaining and strengthening agile collaboration.

#### 8) Preparing for the exam

- PMI-ACP® eligibility process.
- Exam questions and group corrections.
- Complete exam answers provided.
- Traps to avoid, organize your preparation well.

## DATES

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### REMOTE CLASS

2024 : 26 Jun, 23 Sep, 16 Dec