

Course : Managing projects with the Agile method

optional Kagilum® certification

Practical course - 3d - 21h00 - Ref. GMA

Price : 2340 CHF E.T.

 4,8 / 5

This training course provides all the details for implementing an Agile approach through Scrum, with the aim of ensuring a continuous improvement process.

Teaching objectives

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

- ✓ Knowledge of Agile principles, methods and techniques
- ✓ Acquire the skills to manage and motivate teams
- ✓ Mastering the components of the Scrum master role
- ✓ Leading Scrum Ceremonies
- ✓ Facilitate collaboration through the sprint backlog, tasks and daily Scrum
- ✓ Ensure practices are in line with Agile values and principles
- ✓ Lead a continuous improvement process using the Sprint Retrospective and tracking indicators
- ✓ Helping project stakeholders work together

Intended audience

Developers, architects, testers, analysts, Scrum masters, quality/methods managers.

Prerequisites

Basic knowledge of Agile methods.

Practical details

Teaching methods

Training conducted in a participative manner. Workshops and role-playing. Continuous adaptation to participants' needs. Analysis and experience sharing.

Course schedule

PARTICIPANTS

Developers, architects, testers, analysts, Scrum masters, quality/methods managers.

PREREQUISITES

Basic knowledge of Agile methods.

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.

1 Presentation and reminders about Agility

- The roots and origins of Agility.
- The Agile manifesto and its 12 principles.
- Implementing Agility: appropriate cases, inappropriate cases.

Group discussion

Discover Agility concepts.

2 The Scrum method

- Definition of the three pillars of the Scrum method.
- Scrum team structure, the three roles (product owner, Scrum master, development team).
- The responsibilities of each role.
- Agile software engineering practices.

Exercise

Discover Scrum using LEGO®.

3 The Scrum master in detail

- Support for the development team.
- How do you define a facilitator and a method guarantor?
- Supporting the organization in implementing Agility.
- Cross-responsibilities between Scrum master and Product owner.
- Define solution orientation/Servant Leadership.
- Help the Product Owner on a daily basis.

Exercise

Definition of product vision and drafting of Features.

4 The product backlog

- User story estimation techniques.
- Prioritization and plans (fixed scope, fixed date).
- Estimated velocity and team measurement. Definition of ready and finished.
- Cut out, detail and prioritize user stories in the product backlog.
- Business Value and Effort: what are the differences?
- Identify features and actors (personas).
- Introduction to user stories.
- Study the life cycle of a user story.
- Write user stories based on features.

Exercise

Writing, breaking down and prioritizing users stories.

5 Starting and running the sprint

- Testing and integration in an Agile context.
- Manage sprint planning.
- The daily Scrum: three daily questions.
- How do you manage the unexpected?
- Manage sprint progress.

Exercise

Sprint planning session: task creation.

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 to review your request and its feasibility.

6 Taking feedback into account and the end of the sprint

- How do you monitor the project?
- How do you track Key Performance Indicators (KPIs)?
- How do you monitor quality?
- Understand the different graphics available.
- Study of the "sprint retrospective".
- Increment delivery.
- Implementation of the daily Scrum.
- Improve at regular intervals.

Exercise

Conduct sprints reviews with stakeholders.

Options

Certification : 150€ HT

Examen de certification en option. Le passage de l'examen s'effectue en différé, en ligne et en français. Cela consiste en un QCM d'une durée de 90 minutes et comportant 13 questions ouvertes et fermées. Ce cours est la propriété exclusive d'ORSYS et prépare à la certification Kagilum®.

Dates and locations

REMOTE CLASS

2026 : 1 Apr., 15 June, 23 Sep., 30 Nov.