



Agile

Project Management

3 DAY COURSE



Institute
Project
Management



About The Institute

The Institute of Project Management occupies a unique position as Ireland's premier certification authority. We are globally recognised as Ireland's leading provider of project management certification, training and education services.

Our philosophy has always been to ensure that we are up-to-date with the very best thinking and practice in project management worldwide by investing heavily in direct involvement with the international project management community.

Working closely with a faculty of expert-practitioners, the Institute promotes best current practice, theory and applied skills in Project Management for individuals and organisations.

Course Overview

Who is this course for?

This 3-day course will introduce you to the most important and transformative aspects of Agile Project Management, delivered by the industry's leading practitioners, while also offering exam preparation for PMI Agile Certified Practitioner (PMI-ACP).

The Agile Project Management course is not limited to project managers – individuals with experience working on agile project teams can apply as you don't need experience managing projects:

- Agile coaches and Scrum Masters
- Product owners, responsible to deliver value and represent stakeholders
- Team Leads
- Team members who are involved in Agile environment

The course also fulfils the training criteria of 21 contact hours required to sit the PMI-ACP Certification Exam.

What can you expect?

The course is delivered through dynamic lectures and Interactive classes allowing students to understand the fundamental concepts behind agile values, principles and practices that can be applied immediately to the working environment.



What you will learn?

The Institute applies rigorous criteria when selecting instructors to lead our programmes.

The course is delivered by trainers with over 15 years' industry experience in project management enabling them to share real-life situations, practices and lessons.

All courses undergo regular reviews by our senior faculty members and curriculum development manager to ensure that students receive the most current information, practical examples and engaging content that helps reinforce primary learning objectives of the course.

By the end of this course students will be able to:

- › Understand the different agile methods
- › Apply agile project management methods in your own company
- › Adapt agile methods to your working context



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Course Content

Module 1 - Agile Framework

- › Why Agile?
- › Origin and Context
- › Benefits of Agile
- › Agile Principles and Practices

Module 2 - Agile Approach to Planning

- › Agile Planning
- › Product Road & Story Map
- › Release & Iteration Planning
- › Minimally Marketable Feature

Module 3 - Scrum

- › What is Scrum?
- › Scrum Pillars/Cycle
- › Roles and Responsibilities of Scrum Team

Module 4 - Extreme Programming (XP)

- › What is XP?
- › XP Life Cycle
- › XP Goals
- › XP 9 Key Concepts

Module 5 - Kanban

- › Time-box vs. Flow based process
- › Kanban Model
- › Core Principles
- › Scrum vs. Kanban

Module 6 - User Stories

- › What is a User Story?
- › User Story Template
- › The 3 C's (Card, Conversation & Confirmation)

Module 7 - Product Backlog

- › What is a Product Backlog?
- › Backlog Prioritization
- › Value-Based Prioritization (ROI/NPV/IRR)

Module 8 - Agile Estimating

- › Estimation Challenges
- › Why do we Estimate?
- › Accuracy vs. Precision

Module 9 - Testing in Agile

- › Traditional Testing vs. Agile Testing
- › Agile testing flow
- › Test Driven Development (TDD)
- › Acceptance Test Driven Development (ATDD)

Module 10 - Agile Metrics

- › Waterfall vs. Agile Metrics
- › Velocity & Cycle Time
- › Burn Up/Burn Down Charts
- › Cumulative Flow Diagram

Module 11 - Risk Management

- › What is Risk Management?
- › Traditional Risk Management Process
- › How Agile Addressed Core Risks

Module 12 - Retrospective

- › Retrospective - What is it?
- › 5 Phases of Retrospective

Module 13 - Other Key Agile Practices

- › Value Stream Mapping (VSM)
- › Adaptive Leadership
- › Brainstorming Techniques





Certification

Requirements for those seeking certification

The PMI-USA offers the PMI-ACP® certification which recognises an individual's expertise in using agile practices in their projects, while demonstrating their increased professional versatility through agile tools and techniques. A Fee of €415 is payable directly to PMI-USA.


Eligibility requirements for the PMI-ACP® exam are:

- › General Project Experience: 2000 hours
- › Agile Project Experience: 1500 hours working on agile projects in the last 3 years
- › 21 contact hours of training in formal agile practices




Have any questions?

For more information or to register for a course please contact us - we would be happy to hear from you!

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