

Agile APMG Foundation

Agile methodologies have been used internationally in software development for many years, but are now being used increasingly in the project management environment as they offer a flexible approach that be continually adjusted according to the changing needs of the business and/or customer.

As the methodology is founded on being responsive to change, the risk of a long term project failing is significantly reduced and the final solution is more likely to fit the needs of the business and/or customer even if original specification has changed many times in the interim. Close liaison between the project team and the customer or business allows all involved to understand and validate changes to the proposed solution resulting in greater customer satisfaction.

Agile APMG Foundation level introduces delegates to the principles, techniques and processes required for successful project management.

Benefits to the individual

- Recognised qualification
- Can be used in conjunction with other corporate processes such as PRINCE2 and ITIL
- An easily replicated approach to planning, resourcing and managing a successful project

Benefits to the business

- A flexible and responsive approach ensures that the final solution meets business and customer requirements
- Project discipline means deadlines are met, business value targets are achieved and the project budget is tightly controlled
- Reduced risk of long term project failure
- Greater customer satisfaction

Audience

Project Managers
Team Leaders
Business Analysts
Project Board and Project Steering Representatives
Project Management Office Personnel
Quality Assurance and Quality Control Managers
Those involved in the management of Agile projects and programmes

Course duration

This is a three day course. The exam is taken on the third day.

Pre-requisites

There are no pre-requisites for this course. Some evening study during the course will be necessary in order to pass the exam.



Course outline

The objectives of this course are to enable delegates to:

- Understand the concepts, benefits and risks of Agile development
- Understand the philosophy, approach and principles of Agile project management, using DSDM Atern
- Understand the DSDM Atern lifecycle and products
- Set up appropriate project teams
- Plan and run a facilitated workshop
- Model and prototype aspects of the solution
- Elicit, analyse, prioritise and manage requirements
- Create a time-boxed plan for a project
- Understand the importance of negotiation and collaboration
- Use their skills to set up and manage an Agile project

Over the three day course, the topics below are covered.

Exam details

The one hour exam consists of 60 multiple choice questions and is taken on the third day of the course. The pass mark is 30/60 or 50%.

Course content

Agile Project Management Fundamentals

- What is Agile? Major agile approaches
- Benefits of Agile project management
- When to use Agile project management
- Risks and benefits of Agile
- Preparing for successful Agile projects
- Agile project management principles

The Agile Project Management Process

- Agile project management framework
- Configuring the Agile Project Lifecycle

Products and Deliverables

- Management, business and solution focus

Agile Project Teams

- Agile project roles and responsibilities
- Agile project team empowerment
- Agile project team structure

Agile Project Management Techniques

- Facilitated Workshops
- MoSCoW Prioritisation
- Iterative Development
- Time-boxing
- Modelling

Project Management and Control

- Agile requirements
- Agile planning
- Agile risk management
- Testing, quality and maintainability
- Agile estimating and measurement
- Agile configuration management