5 Days

IT Project Management

Advancing Agile Projects in an IT Environment

▶ Upcoming Sessions

05-09 Aug 2024	Dubai - UAE	$5,950
28 Oct-01 Nov 2024	Dubai - UAE	$5,950
17-21 Feb 2025	London - UK	$5,950
02-06 Jun 2025	Dubai - UAE	$5,950
04-08 Aug 2025	Dubai - UAE	$5,950
27-31 Oct 2025	Dubai - UAE	$5,950

▶ Training Details

Why Choose this Training Course?

In this age of Digital Transformation, IT project performance plays a massive role in enabling organization's implement their strategic goals. Despite many advances in technology and development approaches, it is still hugely challenging to deliver IT solutions that satisfy stakeholder expectations in relation to delivery dates, costs and usefulness.

IT project management is notoriously difficult as initial proposed information systems solutions are subject to constant change as soon as users and other stakeholders realize additional needs that can be met "if only the system had this extra feature". In many cases, solid predictive project management with rigorous change controls has been used to tackle this issue - sometimes successfully but not always! As the world becomes increasingly complex and IT demands become more diverse, another more agile project management approach has proven to be more effective in meeting stakeholders needs. This course explores "SCRUM" – the dominant agile project management framework and enables delegates to understand when and how to apply this approach rather than the traditional predictive approach when performing IT projects. This IT Project Management training course presents generally accepted practices (as outlined in the PMI® Project Management Body of Knowledge (PMBOK® Guide)) used in both predictive and agile project management approaches.

This Anderson training course will feature:

- ▶ Predictive IT Project Management - the "Waterfall" approach
- ▶ Agility - why IT projects have adopted agile approaches
- ▶ Roles and responsibilities of IT project management
- ▶ Core project management practices - scoping, scheduling, budgeting
- ▶ Managing project quality, change, risk, communications, stakeholders
- ▶ Practices to manage IT project initiation, planning, execution, control and closure

What are the Goals?

By the end of this Anderson training course, participants will be able to:

- Understand when to use different project lifecycles for different IT projects
- Reflect on the importance of enabling effective collaboration in IT projects
- Perform core practices used in both predictive and agile IT management approaches
- Recognize and tackle common issues that can occur in IT project management
- Control IT project progress and report status appropriately

Who is this Training Course for?

This training course is targeted at both management and team members engaged in IT projects. The course is designed to clearly explain formal project management approaches and enable delegates to recognize "warning signals" that indicate when IT projects are about to encounter issues. While delegates learn generally accepted practices widely used in predictive project management, they are also trained on how to refine predictive thinking in order to apply agile IT project management practices.

This Anderson training course is suitable to a wide range of professionals but will greatly benefit:

- IT Directors considering digital transformation
- IT project managers
- Business analysts, programmers, quality assurance specialists
- Other technical specialists involved in IT projects (e.g. DBA)
- Stakeholders in organizations who influence IT projects

How will this Training Course be Presented?

This training course will utilize a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented. The course is highly interactive and is designed with briefings and a central project scenario as the driver for all course learning. The scenario will facilitate student participation in the development of many elements of IT project management. Several work products will be created including charters, product backlogs, Software Requirements Specifications (SRS), WBS, Sprint Backlogs, Schedules, risk registers etc.

▶ Training Details

Day One: Nature of IT Projects

- Characteristics of projects
- Fundamental concepts of project management
- IT project lifecycle - core phases performed in IT projects
- IT Product Management
- Key IT Project Considerations - Globally Distributed Teams
- IT project initiation - establishing the project charter

Day Two: Scope - IT Requirements

- Requirements Engineering
- Stakeholder management
- Requirements elicitation
- Quality factors in requirements engineering
- Key roles: Product Manager - Product Owner - Business Analyst
- Managing emergent requirements

Day Three: Detailed Planning

- Software Engineering Methods
- Work Breakdown Structures
- Building the project schedule - critical path management
- Establishing the release plan
- Key roles: Technical Architect, Designer, Developer Quality Assurance Specialist (QA)
- IT Project Quality Management - planning, executing and controlling quality
- Developing the Quality Assurance Plan (QA plan)

Day Four: Managing Project Execution

- Understanding IT Project Costs
- Software engineering teamwork - developing and managing the team
- Managing uncertainty - addressing risks
- The challenges with using Waterfall (predictive project management)
- Agile Software Development - values and principles
- Adaptive (Agile) Project Management (SCRUM)

Day Five: Controlling & Closing IT Projects

- Preparing the progress report - traditional approach
- Progress dashboards using Earned Value Management
- Controlling value generation using Scrum (Agile) - Reviews
- Measuring Success - requirements traceability matrix
- Measuring Success - confirming value generation
- Continuous improvement - Lessons Learned & Retrospectives

▶ The Certificate

Anderson Certificate of Completion will be provided to delegates who attend and complete the course

▶ INFO & IN-HOUSE SOLUTION

For more information about this course, call or email us at:

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Request for a Tailor-made training and educational experience for your organization now:

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