Project &Quality Management · PQ142

Project Quality Management Workshop

Cairo · 6 - 10 Dec 2026

Date	Venue	Duration
6 - 10 Dec 2026	**Cairo**	**1 Week**
Fee	Ref	Language
£3,100 GBP	**PQ142**	**English**

Introduction

Delivering high-quality project outcomes is critical to an organization's survival and prosperity in today's fiercely competitive and rapidly changing business environment. Managers are constantly striving to deliver high-quality results while minimizing costs and delays.
This Project Quality Management workshop will provide participants with the essential management skills, tools, and methodologies required for effective delivery of top-quality project outcomes. It is designed to provide a comprehensive overview of quality management in projects with a careful balance of quantitative and qualitative considerations.

This workshop will feature:

- An Overview of Key Project Quality Management Concepts
- The Concepts, Tools, and Techniques involved in Quality Planning and Control in conjunction with the Critical Path Method and other proven Project Management Methodologies
- An Introduction to Statistical Process Control Tools
- An Overview of Typical Project Problems and methods for Mitigation
- An Overall specialization in Benefits Realization from Project Conception to Completion

Course Objectives of Project Quality Management Workshop

By the top of this workshop, participants are going to be able to:

- Define what Quality means
- Understand the importance of deliberate quality management processes in projects and integrate quality in project initiation, planning, execution, control and completion
- Identify and document quality requirements and standards for the project and merchandise
- Apply cost-benefit analysis, cause and effect diagrams, control charts, and other tools in project planning and control
- Apply basic statistical internal control concepts
- Implement effective quality assurance and control
- Be ready and conduct quality audits
- Effectively manage stakeholders to make sure their satisfaction with the project results
- Improve the standard climate and culture across the project life cycle

Course Methodology of Project Quality Management Workshop

This Project Quality Management Workshop will utilize a spread of proven highly interactive adult learning techniques to make sure maximum understanding, comprehension and retention of the knowledge presented. This includes facilitated group and individual exercises, case studies, simulations, and videos. the trainer also will facilitate learning by encouraging the delegates to check and critically appraise any theories and ideas on the workshop.

Target Audience of Project Quality Management Workshop

This Project Quality Management Workshop is suitable to a good range of project management professionals and people individuals who are involved in or manage internal and external projects both within the private and public sector. Some prior knowledge of quantitative chemical analysis techniques is useful, however not required as all tools and methodologies are going to be covered ranging from the fundamentals.

Course Outlines of Project Quality Management Workshop

DAY 1

Understanding Project Quality Management and Embedding Quality in Project Initiation

- Introduction to Quality Management in Projects and Operations
- Definition of Quality: Quality vs. Grade, Accuracy vs. Precision
- Quality Management Concepts: Principles, Policy, Objectives, Planning, Assurance, Control, and Audit
- Cost of Quality
- Quality Management and Project Life Cycle
- PMBOK Quality Management Knowledge Area
- Quality at the Project Initiation Stage: Defining Projects, Collecting Requirements, and Planning Scope Management
- Project Charter, Project Scope and merchandise Scope
- Business Case Essentials: Focus of advantages
- Stakeholder Management as a Key to top quality Outcomes
- Management of Project Constraints, Priorities and Trade-offs

DAY 2

Planning for Quality

- Work Breakdown Structure (WBS), Requirement Traceability Matrix (RTM)
- Scheduling: Critical Path Method (CPM) and Gantt Chart
- Allocation of Resources to realize outcomes on time
- Basic Statistics for Project Planning and Control
- Estimating and Budgeting
- Project Quality Planning
- Quality Metrics and Checklists
- Project Plan

DAY 3

Quality Assurance and Control

- **Quality within the Project Execution Phase**
- Key Quality Principles; Responsibility for Quality
- Quality Standards and Metrics
- Project Monitoring Control and Quality Assurance Tools; Verification and Validation Processes
- Introduction to Statistical Process Control (SPC) Tools: Pareto Analysis, Cause-and-effect Diagrams, Histograms, analysis, Scatter Diagrams, Process Control Charts, Process Capability, etc.
- Managing Scope Creep, Hope Creep, Effort Creep, Feature Creep and other “creeps”
- Correcting Project Delays
- Quality Audits
- Project Closure and Acceptance
- End of Project Reviews and Benefit Realization Reviews; Lessons Learned

Day 4

Foundation Concepts

- Quality Defined
- Customer Focus
- Financial Focus
- Quality Management
- Process Management
- Cost of Quality

Day 5

Manage Quality

- Process Management
- Process Mapping
- Process Analysis
- Value Stream Mapping
- Standardization
- Visual Workplace and 5S
- Error Proofing (Poka-Yoke)
- Failure Mode and Effect Analysis

Register or ask about this course online

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