

STRATEGIC QUALITY MANAGEMENT IN PROJECTS

“Building a High-Impact HR Foundation through Practical Tools and Core Competencies”

Schedule

Date	Venue	Fees (Face-to-Face)
02 – 06 Mar 2026	Dubai, UAE	USD 3495 per delegate

Introduction

Strategic quality management is an essential discipline in today’s project-driven world. Ensuring that projects are delivered on time, within scope, and with the desired quality is fundamental to organizational success. Strategic quality management integrates project planning, execution, control, and improvement processes to deliver high-impact results.

This 5-day course is designed for project managers, quality managers, and team leaders seeking to deepen their understanding of how to integrate strategic quality management into projects. Participants will learn how to apply quality management frameworks, methodologies, and tools to improve project performance, meet stakeholder expectations, and ensure sustainable project success.

Objectives

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

- Understand the key principles of strategic quality management in projects
- Implement quality planning, control, and assurance processes in projects
- Develop and integrate quality management systems (QMS) in project operations
- Use quality tools such as Six Sigma, lean, and root cause analysis for continuous improvement
- Identify and mitigate project quality risks and challenges
- Align project quality goals with organizational strategy and stakeholder expectations

Why Attend

- Master the essential quality management practices to ensure project success
- Learn to align project quality initiatives with organizational goals and strategies
- Strengthen your ability to use tools like Six Sigma and Lean in project environments
- Build a comprehensive quality management plan for project success and sustainability
- Increase stakeholder satisfaction and project reputation through consistent quality delivery

Target Audience

This program is designed for:

- Project managers and senior project leaders
- Quality managers and coordinators
- Project team members responsible for quality assurance
- Project sponsors and business analysts
- Professionals seeking to integrate quality management into their project practices

Individual Benefits

Key competencies that will be developed include:

- Strategic quality management principles
- Quality assurance and control techniques in projects
- Six Sigma, Lean, and root cause analysis applications
- Managing stakeholder expectations and quality requirements
- Continuous improvement and innovation in project processes

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Reduced project failure rates and rework costs
- Improved stakeholder satisfaction and project performance
- Enhanced ability to meet project scope, timeline, and quality requirements
- Better integration of quality management principles in project environments
- Continuous process improvement and operational excellence

Instructional Methodology

- Strategy Briefings – Key quality frameworks, standards, and tools for project environments
- Hands-On Exercises – Quality planning, root cause analysis, and process improvement simulations
- Case Studies – Real-world quality challenges and best practices from multiple industries
- Workshops – Developing quality management plans, performance dashboards, and project KPIs
- Peer Exchange – Discussions on quality implementation challenges and solutions
- Tools – QMS templates, project quality checklists, and improvement roadmaps

MAWA EVENTS

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Course Outline

Detailed 5-Day Course Outline

Training Hours: 7:30 AM – 3:30 PM Daily Format: 2–3 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1 - Foundations of Strategic Quality Management in Projects

- **Module 1: Introduction to Strategic Quality Management**
 - Defining quality in the context of project management
 - The role of quality in achieving project success
 - Quality assurance, control, and continuous improvement
- **Module 2: Quality Management Systems (QMS) and Project Integration**
 - Overview of ISO 9001 and other industry standards
 - Implementing QMS in project environments
 - Aligning project goals with organizational quality objectives
- **Module 3: Quality Planning and Quality Objectives**
 - Setting quality standards and benchmarks
 - Defining measurable quality goals and KPIs
 - Developing a quality management plan for projects
- **Module 4: Workshop - Creating a Project Quality Management Plan**
 - Hands-on session to create a quality management plan for a sample project

Day 2 - Quality Control Tools and Techniques

- **Module 5: Statistical Quality Control (SQC) and Six Sigma**
 - Introduction to SQC tools (Pareto chart, control chart, histograms)
 - Using Six Sigma techniques to reduce variation and defects
 - DMAIC methodology (Define, Measure, Analyze, Improve, Control)
- **Module 6: Lean Principles in Project Management**
 - Lean tools: Value Stream Mapping, 5S, Kaizen
 - Applying Lean principles to improve project workflows
 - Minimizing waste and improving efficiency in project delivery
- **Module 7: Root Cause Analysis and Problem-Solving Tools**
 - Identifying the root cause of quality issues
 - Using tools like Fishbone Diagrams, 5 Whys, and Failure Mode Effects Analysis (FMEA)
 - Developing corrective and preventive actions (CAPA)
- **Module 8: Workshop - Conducting a Root Cause Analysis**
 - Participants apply root cause analysis tools to a simulated project issue

Day 3 - Quality Assurance, Performance Monitoring, and Continuous Improvement

- **Module 9: Performance Monitoring and Control in Projects**
 - Developing project dashboards and quality tracking systems
 - Monitoring project performance against quality standards
 - Managing quality risks and implementing corrective actions
- **Module 10: Quality Audits and Reviews**
 - Planning and conducting quality audits
 - Quality assurance through regular project reviews
 - Reporting quality findings and non-conformances
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Module 11: Continuous Improvement in Project Quality Management

- Kaizen, PDCA cycle, and Lean Six Sigma for continuous improvement
- Measuring process improvement success
- Best practices for sustaining quality improvements

Module 12: Workshop - Developing a Continuous Improvement Plan for a Project

- Teams create a continuous improvement plan using Lean and Six Sigma tools

Day 4 - Managing Stakeholder Expectations and Reporting**Module 13: Managing Stakeholder Expectations for Quality**

- Identifying stakeholder quality expectations and requirements
- Communication strategies for managing stakeholder engagement
- Managing expectations during project changes and challenges

Module 14: Quality Reporting and Communication

- Reporting quality progress to stakeholders
- Visualizing and presenting quality data in clear, actionable formats
- Communicating issues and progress during stakeholder meetings

Module 15: Workshop - Developing a Quality Report for Project Stakeholders

- Participants prepare a quality report and presentation for a project case study

Day 5 - Applying Quality Management to Complex Projects**Module 16: Managing Quality in Large-Scale, Multi-Project Environments**

- Coordinating quality across multiple projects
- Standardizing quality management processes across projects
- Ensuring consistency and alignment in multi-project delivery

Module 17: Sustainability and Quality Management

- Integrating sustainability considerations into quality management
- Balancing environmental, social, and economic factors in project quality

Module 18: Final Simulation - Managing Quality in Complex Projects

- Participants apply the knowledge gained to a complex project scenario
- Group feedback and final Q&A session

Certification

Participants will receive a **Certificate of Completion in Strategic Quality Management in Projects**, validating their ability to implement and oversee quality management systems, tools, and continuous improvement initiatives within project environments.

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Interested in running this course for your team?

Please contact us:

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