MERCURY

Project Quality Management

10 - 14 May 2027
London (UK)

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Project Quality Management

Ref.: 121241_1024069 **Date:** 10 - 14 May 2027 **Location:** London (UK) **Fees:** 5800 **Euro**

Introduction

Project Quality Management is essential for ensuring projects meet stakeholder expectations and deliver value efficiently. This course focuses on equipping professionals with the knowledge and tools to plan, monitor, and control quality throughout a project lifecycle. Participants will explore key quality concepts, standards, and techniques to enhance project performance. Emphasis is placed on practical applications and decision-making strategies that prevent errors and improve outcomes. The course also covers quality audits, continuous improvement, and project-quality risk management. By the end, participants will confidently apply quality principles to diverse project environments.

Targeted Groups

This Project Quality Management targets professionals seeking specialized knowledge and skills:

- Project managers aiming to improve deliverables.
- Team leaders are responsible for quality assurance.
- Quality control specialists in projects.
- Engineers oversee project standards.
- Consultants involved in project evaluation.
- Professionals managing client expectations.
- Project coordinators seeking quality insight.

Course Objectives

Participants will achieve the following objectives by Project Quality Management:

- Understand quality management principles in projects.
- Apply planning techniques for project quality assurance.
- Develop processes for monitoring project performance.
- Use tools for quality control and risk mitigation.
- Implement standards aligned with international quality frameworks.
- Conduct audits to assess project quality and effectiveness.
- Enhance decision-making to prevent quality issues.
- Promote continuous improvement within project teams.
- Evaluate stakeholder satisfaction through quality metrics.
- Integrate quality practices into the overall project management process.

Targeted Competencies

Participants will gain the following competencies during the program:

- Proficiency in project quality planning and control.
- Ability to design and implement quality standards.
- Skills to monitor, measure, and report quality performance.
- Competence in applying risk-based quality management.

- Expertise in conducting project quality audits.
- Capability to identify and resolve quality issues promptly.
- Knowledge of international project quality frameworks.
- Skill in fostering continuous improvement processes.
- Understanding of quality metrics and reporting tools.
- Strength in aligning project outcomes with stakeholder expectations.

Studying Scenarios

In this training, participants will develop their skills through the analysis of the following scenarios:

- Resolving quality gaps in a construction project.
- Implementing quality control in IT project deliverables.
- Conducting audits for manufacturing project processes.
- Managing stakeholder feedback to improve project outcomes.
- Using performance metrics to monitor ongoing projects.
- Applying risk-based techniques in complex projects.
- Enhancing team adherence to quality standards.
- Integrating continuous improvement methods in project workflows.

Course Content

Unit 1: Fundamentals of Project Quality Management

- Definition and scope of project quality management.
- Importance of quality in project success.
- Key principles of quality assurance.
- Quality planning and goal setting.
- Stakeholder expectations and quality requirements.
- Overview of quality standards and frameworks.
- Role of quality management in the project lifecycle.

Unit 2: Quality Planning and Strategy

- Developing a quality management plan.
- Defining quality metrics and benchmarks.
- Establishing project standards and procedures.
- Identifying critical success factors for quality.
- Integrating quality planning into project schedules.
- Tools for effective quality planning.
- Aligning quality strategy with business goals.

Unit 3: Quality Control and Monitoring

- Techniques for monitoring project quality.
- Conducting inspections and reviews.
- Using statistical quality control methods.
- Measuring performance against quality metrics.
- Detecting and correcting deviations.
- Reporting and documentation of quality findings.
- Applying corrective actions effectively.

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Unit 4: Quality Assurance and Audits

- Principles of quality assurance processes.
- Conducting internal and external audits.
- Ensuring compliance with quality standards.
- Evaluating the effectiveness of quality practices.
- Risk assessment in quality assurance.
- Continuous improvement through audit feedback.
- Integrating lessons learned into future projects.

Unit 5: Advanced Project Quality Practices

- Lean and Six Sigma in project quality.
- Risk-based quality management approaches.
- Enhancing team performance for quality outcomes.
- Managing client expectations and satisfaction.
- Implementing quality in complex and large projects.
- Leveraging technology for quality management.
- Aligning project quality with organizational objectives.

Final Insights & Key Takeaways

Effective project quality management ensures consistent project success and stakeholder satisfaction. Applying practical quality strategies strengthens project delivery and drives continuous improvement.

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