

Quality and Control Management: Mastering Best Practices





Quality and Control Management: Mastering Best Practices

Ref: 321695_144101 **Date:** 21 - 25 Jul 2025 **Location:** Düsseldorf (Germany) **Fees:** 4200

Euro

Course Description

This intensive 5-day course provides a comprehensive overview of quality and control management principles and practices. Participants will learn essential techniques for improving organizational processes, products, and services. The course covers quality assurance, quality control, statistical process control, and continuous improvement methodologies.

Learning Objectives

- Understand core quality management concepts and their practical applications
- Learn to implement effective quality assurance and control processes
- Develop skills in using statistical tools for process improvement
- Gain knowledge of continuous improvement methodologies like Six Sigma and Lean
- Understand how to create a culture of quality within an organization

Course Modules

Day 1: Foundations of Quality Management

- Introduction to quality management concepts
- Evolution of quality management practices
- Quality management systems and standards
- Creating a quality-focused organizational culture

Day 2: Quality Assurance Techniques

- Principles of quality assurance
- Process mapping and analysis
- Risk assessment and management
- · Document control and record keeping

Day 3: Quality Control Methods

- Statistical process control SPC fundamentals
- Control charts and their applications
- Acceptance sampling techniques
- Root cause analysis and problem-solving tools

Day 4: Continuous Improvement Methodologies

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- Introduction to Six Sigma and DMAIC
- Lean principles and waste reduction
- Kaizen and continuous improvement culture
- Total Quality Management TQM concepts

Day 5: Implementing Quality Management

- Developing a quality management strategy
- Performance measurement and KPIs
- Supplier quality management
- Quality audits and reviews

Practical Wins for Participants

- Ability to design and implement effective quality management systems
- Skills to use statistical tools for process improvement and decision-making
- Knowledge to lead continuous improvement initiatives in their organizations
- Strategies to foster a quality-focused culture and drive organizational excellence



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