

TQM Smart Tools for Continuous Improvement Masterclass

Audit & Quality Assurance
Brussels (Belgium)
01 - 05 Sep 2025

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TQM Smart Tools for Continuous Improvement Masterclass

Ref: 3310_127890 **Date:** 01 - 05 Sep 2025 **Location:** Brussels (Belgium) **Fees:** 4400 **Euro**

Course Description

This comprehensive 5-day course equips participants with advanced Total Quality Management TQM tools and techniques for driving continuous improvement. Attendees will learn to implement data-driven strategies, optimize processes, and foster a culture of quality throughout their organization. The course combines theoretical knowledge with practical applications to ensure immediate impact in the workplace.

Learning Objectives

- Master key TQM principles and their application in various industries
- Develop proficiency in using advanced quality improvement tools and techniques
- Learn to analyze and interpret data for effective decision-making
- Acquire skills to lead and manage continuous improvement initiatives
- Understand how to create a culture of quality and continuous improvement

Course Modules

Day 1: Foundations of TQM and Continuous Improvement

- Introduction to TQM principles and philosophy
- The PDCA cycle and its role in continuous improvement
- Quality management systems and standards
- Developing a continuous improvement mindset

Day 2: Advanced Quality Tools and Techniques

- Statistical Process Control SPC and control charts
- Failure Mode and Effects Analysis FMEA
- Design of Experiments DOE
- Quality Function Deployment QFD

Day 3: Data-Driven Decision Making

- Data collection and analysis techniques
- Root Cause Analysis and the 5 Whys
- Pareto analysis and prioritization
- Benchmarking and best practices

A graphic of a chessboard with several chess pieces. A gold king piece is prominent in the foreground, with a silver pawn and a gold pawn nearby. The board has a checkered pattern, and there are concentric circles in the background.

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Day 4: Process Improvement Methodologies

- Lean principles and waste reduction
- Six Sigma methodology and DMAIC
- Value Stream Mapping
- Kaizen and continuous improvement events

Day 5: Implementing and Sustaining Continuous Improvement

- Change management and overcoming resistance
- Building a culture of quality and continuous improvement
- Measuring and communicating improvement results
- Developing action plans for implementation

Practical Wins for Participants

- Ability to implement advanced quality tools in real-world scenarios
- Skills to lead cross-functional improvement teams effectively
- Techniques to quantify and communicate the impact of improvement initiatives
- Strategies to foster a sustainable culture of continuous improvement

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