

## PROCESS IMPROVEMENT TOOLS

Start Date:	15/12/2025	End Date:	19/12/0025
Categories:	Engineering & Maintenance	Venues:	Madrid
Formats:	In Person	Instructors:	

### OVERVIEW

This intensive five-day course on Process Improvement Tools provides professionals with the knowledge and skills needed to analyze, improve, and redesign business processes. The course covers globally recognized methodologies such as Lean, Six Sigma, and Kaizen, while introducing participants to practical tools that enable continuous improvement. Attendees will gain the ability to streamline operations, reduce waste, enhance quality, and improve efficiency across various business functions.

### OBJECTIVES

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

- Understand the principles and benefits of process improvement methodologies.
- Map, analyze, and redesign business processes using industry-standard tools.
- Identify waste and inefficiencies within operational workflows.
- Apply Lean and Six Sigma techniques to drive measurable improvements.
- Utilize data to support decision-making and performance optimization.
- Develop process improvement strategies aligned with organizational goals.
- Facilitate continuous improvement initiatives within teams.
- Monitor and sustain process improvements over time.

### COURSE OUTLINE

• Introduction to Process Improvement and Operational Excellence • Overview of Lean, Six Sigma, and Kaizen Methodologies • Process Mapping and Value Stream Analysis • Root Cause Analysis and Problem-Solving Techniques • Identifying and Eliminating Waste (Muda, Mura, Muri) • Applying DMAIC Framework (Define, Measure, Analyze, Improve, Control) • Process Measurement and Performance Indicators • Implementing Change and Engaging Stakeholders • Standardization and Documentation Best Practices • Action Planning and Sustaining Continuous Improvement

### TARGET AUDIENCE

This course is designed for professionals involved in operations, quality, project management, and continuous improvement roles. It is ideal for team leaders, department heads, analysts, process owners, and anyone tasked with improving efficiency and performance within their organization.

### METHODOLOGY

This program combines instructor-led sessions with collaborative exercises, real-world case studies, hands-on tool practice, interactive group discussions, and problem-solving simulations. Participants will engage in practical workshops to apply the tools in scenarios drawn from diverse industries, ensuring relevance and impact.

## CONCLUSION

Participants will complete this course with a solid foundation in process improvement tools and methodologies, ready to lead and contribute to efficiency-focused initiatives in their organizations. They will return with actionable insights, tools, and frameworks to initiate and sustain meaningful improvements that drive organizational performance.

## DAILY AGENDA

### Day 1: Process Improvement Fundamentals

Introduces foundational concepts of process improvement, including Lean, Six Sigma, and Kaizen, with a focus on identifying inefficiencies and understanding the organizational impact of process failures.

### Day 2: Mapping, Root Causes & Case Practice

Explores process mapping, value stream analysis, and root cause identification tools such as the Fishbone Diagram and 5 Whys, followed by a case study and hands-on workshop.

### Day 3: DMAIC: Define, Measure & Analyze

Focuses on the Define, Measure, and Analyze phases of DMAIC, emphasizing the use of data, performance metrics, and KPIs to support informed decision-making.

### Day 4: DMAIC: Improve, Control & Change

Covers the Improve and Control phases of DMAIC, strategies for sustaining improvements, team engagement, and overcoming resistance to change through practical group work.

### Day 5: Documentation, Review & Capstone

Wraps up with standardization practices, a review of key tools, participant-led capstone presentations, and the development of improvement plans applicable to their workplaces.

*For more information, please contact us:*

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