London TDM

Quality and Productivity Improvement Training Courses

Course Venue: United Kingdom - London

Course Date: From 01 March 2026 To 05 March 2026

Course Place: London Paddington

Course Fees: 6,000 USD

Introduction

This comprehensive 5-day course on Root Cause Analysis and Problem Solving is designed to equip professionals with the necessary tools and techniques to identify and resolve problems efficiently. Through practical examples and interactive sessions, participants will gain a deep understanding of how to approach problems methodically to prevent recurrence and improve organizational performance.

- Understand the fundamentals of root cause analysis and problem-solving.
- Learn various tools and techniques for effective problem identification and resolution.
- Develop skills to implement corrective and preventive actions.
- Enhance decision-making skills through analytical thinking.
- Foster a culture of continuous improvement and learning in professional settings.

Course Outlines

Day 1: Introduction to Root Cause Analysis

- Overview of Root Cause Analysis (RCA)
- Importance and benefits of RCA in organizations
- The RCA process: stages and flow
- Common problem-solving pitfalls
- Case studies: Successful RCA implementations

Day 2: Identifying Problems and Gathering Data

- Problem identification techniques
- Data collection methods and importance of accuracy
- Tools for data analysis
- The role of collaboration in accurate data gathering
- Hands-on exercise: Problem identification in real-life scenarios

Day 3: Analyzing Root Causes

- Techniques for root cause identification
- Using the 5 Whys technique effectively
- Introduction to Fishbone diagrams
- Brainstorming and RCA workshops
- Group activity: Root cause analysis of a given problem

Day 4: Developing Solutions and Corrective Actions

- Generating effective solutions
- Evaluating potential solutions to select the best approach
- Creating actionable plans for corrective and preventive actions
- The role of risk assessment in solution planning
- Building consensus for solution implementation

Day 5: Implementing Solutions and Continuous Improvement

- Strategies for successful implementation of solutions
- Monitoring and measuring effectiveness
- Adapting and revisiting actions for continuous improvement
- Overcoming resistance to change in organizations
- Final assessment: Crafting a detailed RCA plan for a case study