

Advanced Root Cause Analysis

Brussels

25 - 29 August 2025

UK Training

PARTNER



Advanced Root Cause Analysis

Code: LM28 From: 25 - 29 August 2025 City: Brussels Fees: 4400 Pound

Introduction

This course provides a comprehensive exploration of Root Cause Analysis RCA, emphasizing advanced techniques and their integration with methodologies like Six Sigma, Lean, and Kaizen. Participants will gain practical skills in effectively identifying and addressing root causes, thereby enhancing problem-solving and quality management practices in their organizations. By the end of the course, you will be equipped with the tools to apply root cause analysis effectively, improving operational efficiency and addressing issues at their core.

Course Objectives

Upon completion of this course, participants will:

- Gain a deep understanding of the principles and methodologies of Root Cause Analysis RCA.
- Apply advanced root cause analysis methods and techniques in real-world scenarios.
- Integrate RCA with Six Sigma, Lean, and Kaizen for comprehensive problem-solving.
- Practice root cause analysis through real-life case studies and group exercises.
- Develop actionable strategies for implementing RCA within your organization.

Course Outlines

Day 1: Introduction to Root Cause Analysis RCA

- What is Root Cause Analysis? Overview of RCA principles and methodologies.
- Key techniques for effective root cause analysis, including 5 Whys, Fishbone Diagram, and Fault Tree Analysis.
- How to integrate RCA with Six Sigma, Lean, and Kaizen for enhanced quality management and process improvement.

Day 2: Advanced Tools and Techniques

- Understanding root cause analysis methods and how to apply them to various challenges.
- Advanced root cause analysis tools: Cause-and-Effect Matrix, Pareto Analysis, Process Mapping, and their practical applications.
- Introduction to RCA software and data visualization tools to enhance analysis and presentation.

Day 3: Practical Application of RCA

- Root cause analysis steps applied through real-world case studies.
- Group exercises to practice RCA using the tools and techniques learned.
- Problem-solving and root cause analysis: Applying these principles to identify effective solutions.

UK Training
PARTNER



Day 4: RCA and Improvement Approaches

- Combining RCA with Six Sigma, Lean, and Kaizen to achieve continuous improvement.
- Interactive workshops on integration strategies, addressing root causes through a multidisciplinary approach.
- Best practices for root cause analysis in complex business scenarios.

Day 5: Implementation and Review

- Developing an RCA framework tailored to your organization's needs.
- Overcoming common challenges and resistance in root cause analysis implementation.
- Creating an action plan for applying root cause analysis and reviewing key course takeaways.

Why Attend This Course: Wins & Losses!

- Root cause analysis best practices that will enhance your problem-solving and decision-making skills.
- Learn the types of root cause analysis and when to use each technique for maximum impact.
- Gain insights into advanced root cause analysis methodologies and their integration with other improvement frameworks.
- Obtain a root cause analysis certificate as a testament to your expertise.

Conclusion

By the end of this course, participants will be proficient in performing root cause analysis RCA and integrating it with various problem-solving methodologies, ensuring continuous improvements in quality management. Whether you are looking to solve specific operational issues or enhance overall organizational performance, root cause analysis is a powerful tool that will help you address challenges at their very core. Participants will also be prepared to pursue RCA certification to formally recognize their expertise.

Join us today to learn how to implement root cause analysis RCA in your organization, and empower yourself with the tools and knowledge to drive continuous improvement.

A graphic of a chessboard with several pawns. In the foreground, a large gold king piece stands prominently. Behind it, several silver and gold pawns are positioned on different squares. The background features concentric circles emanating from behind the king piece, creating a sense of depth and focus.

UK Training
PARTNER

Blackbird Training Cities

Europe



Malaga (Spain)



Sarajevo (Bosnia and Herzegovina)



Oporto (Portugal)



Glasgow (Scotland)



Edinburgh (UK)



Oslo (Norway)



Annecy (France)



Bordeaux (France)



Copenhagen (Denmark)



Birmingham (UK)



Lyon (France)



Moscow (Russia)



Stockholm (Sweden)



Podgorica (Montenegro)



Batumi (Georgia)



London (UK)



Istanbul (Turkey)



Amsterdam



Düsseldorf (Germany)
(Switzerland)



Paris (France)



Athens (Greece)



Barcelona (Spain)



Munich (Germany)



Geneva



Prague (Czech)



Vienna (Austria)



Rome (Italy)



Brussels



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Zurich



Manchester (UK)



Milan (Italy)



Blackbird Training Cities

USA & Canada



Los Angeles (USA)



Orlando, Florida (USA)



Online



Phoenix, Arizona (USA)



Houston, Texas (USA)



Boston, MA (USA)



Washington (USA)



Miami, Florida (USA)



New York City (USA)



Seattle, Washington (USA)



Washington DC (USA)



In House



Jersey, New Jersey (USA)



Toronto (Canada)

ASIA



Baku (Azerbaijan)
(Thailand)



Maldives (Maldives)



Doha (Qatar)



Manila (Philippines)



Bali (Indonesia)



Bangkok



Beijing (China)



Singapore (Singapore)



Sydney



Tokyo (Japan)



Jeddah (KSA)



Riyadh (KSA)



Melbourne (Australia)
Korea



Phuket (Thailand)



Dubai (UAE)



Kuala Lumpur (Malaysia)



Kuwait City (Kuwait)



Seoul (South)



Pulau Ujong (Singapore)



Irbid (Jordan)



Jakarta (Indonesia)



Amman (Jordan)



Beirut

UK Training
PARTNER

Blackbird Training Cities

AFRICA



Kigali (Rwanda)



Cape Town (South Africa)



Accra (Ghana)



Lagos (Nigeria)



Marrakesh (Morocco)



Nairobi (Kenya)



Zanzibar (Tanzania)



Tangier (Morocco)



Cairo (Egypt)



Sharm El-Sheikh (Egypt)



Casablanca (Morocco)



Tunis (Tunisia)



Blackbird Training Clients

 MANNAI CORPORATION MANNAI Trading Company WLL, Qatar	 GAC UNE FILIALE D' EGA Alumina Corporation Guinea	 Booking.com Booking.com Netherlands	 OXFAM Oxfam GB International Organization, Yemen	 Capital Markets Authority Kuwait
 Waltersmith Waltersmith Petroman Oil Limited Nigeria	 QNB Qatar National Bank (QNB), Qatar	 Qatar Foundation Qatar	 AFRICAN UNION ADVISORY BOARD ON CORRUPTION Tanzania	 KFAS KFS Kuwait
 Reserve Bank of Malawi Malawi	 Central Bank of Nigeria Nigeria	 Ministry of Interior Kingdom of Saudi Arabia KSA	 Mabruk Oil Company Libya	 Saudi Electricity Company KSA
 BPKH Badan Pengelola Keuangan Haji BADAN PENGELOLA KEUANGAN Haji, Indonesia	 NATO Italy	 ENI ENI CORPORATE UNIVERSITY, Italy	 GULF BANK Gulf Bank Kuwait	 General Organization for Social Insurance KSA
 Defence Space Administration Nigeria	 National Industries Group (Holding) Kuwait	 Hamad Medical Corporation Qatar	 USAID Pakistan	 STC STC Solutions, KSA
 North Oil Company North Oil company,	 EKO Electricity EKO Electricity	 OMAN BROADBAND Oman Broadband	 UNITED NATIONS UN.	 Authority for Electricity Regulation, Oman Authority for

UK Training
PARTNER

Blackbird Training Categories

Management & Admin

Entertainment & Leisure
Professional Skills
Finance, Accounting, Budgeting
Media & Public Relations
Project Management
Human Resources
Audit & Quality Assurance
Marketing, Sales, Customer Service
Secretary & Admin
Supply Chain & Logistics
Management & Leadership
Agile and Elevation

Technical Courses

Artificial Intelligence (AI)
Hospital Management
Public Sector
Special Workshops
Oil & Gas Engineering
Telecom Engineering
IT & IT Engineering
Health & Safety
Law and Contract Management
Customs & Safety
Aviation
C-Suite Training



 International House 185 Tower Bridge
Road London SE1 2UF United Kingdom

 +44 7401 1773 35
+44 7480 775526

 Sales@blackbird-training.com

 www.blackbird-training.com

UK Training
PARTNER

