

Root Cause Analysis

Washington (USA)

24 - 28 November 2025

UK Traininig

PARTNER



Root Cause Analysis

Code: QM28 From: 24 - 28 November 2025 City: Washington (USA) Fees: 4700 Pound

Introduction

Root Cause Analysis RCA is one of the most effective methods for identifying and resolving underlying causes of problems across various industries. This specialized course provides a comprehensive exploration of root cause analysis RCA principles, advanced techniques, and tools, focusing on how to effectively identify and address root causes in problem-solving and quality management processes. Participants will learn to apply RCA tools in real-world scenarios, empowering them to improve performance and ensure sustainability in their organizations.

Course Objectives

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

- Gain a solid understanding of root cause analysis principles and advanced root cause identification techniques.
- Apply RCA methods such as 5 Whys, Fishbone Diagram, and Fault Tree Analysis to real-world situations.
- Engage in practical RCA exercises using case studies to identify root causes effectively.
- Develop actionable strategies for implementing root cause analysis in their organizations.

Course Outlines

Day 1: Introduction to Root Cause Analysis RCA

- Understanding root cause analysis principles and methodologies.
- Key techniques: 5 Whys, Fishbone Diagram, and Fault Tree Analysis.
- Benefits and applications of root cause analysis in various industries.
- Distinguishing between symptoms and the root cause.

Day 2: Advanced Tools and Techniques

- Data collection and analysis methods for effective root cause analysis.
- Advanced tools for RCA: Cause-and-Effect Matrix, Pareto Analysis, and Process Mapping.
- Applying Failure Mode and Effect Analysis FMEA in RCA.
- Introduction to RCA software and data visualization tools.

Day 3: Practical Application

- Real-world case studies and examples of root cause analysis.
- Group exercises applying advanced RCA tools.
- Identifying and overcoming common challenges in implementing root cause analysis.
- Techniques for validating root causes in different scenarios.

A graphic of a chessboard with several chess pieces (king, queen, rook, knight, and pawns) in gold and silver. The text 'UK Training PARTNER' is overlaid on the right side of the board.

UK Training
PARTNER

Day 4: RCA and Improvement Approaches

- Integrating RCA with risk management strategies.
- Interactive workshops focused on applying root cause analysis in different sectors.
- Approaches for monitoring and sustaining the outcomes of RCA.
- The role of RCA in driving continuous improvement in processes.

Day 5: Implementation and Review

- Developing a tailored root cause analysis framework for your organization.
- Overcoming challenges and resistance during the implementation phase.
- Creating an action plan and reviewing the course material.
- Strategies for tracking progress and refining the RCA process.

Why Attend this Course: Wins & Losses!

Root Cause Analysis is a powerful tool for improving operational efficiency and quality in any organization. By mastering advanced root cause analysis methods and tools, you will be able to:

- Accurately identify root causes of problems, leading to permanent solutions rather than just addressing symptoms.
- Improve quality performance across departments and projects using advanced root cause analysis techniques such as Cause-and-Effect Matrix and Pareto Analysis.
- Apply RCA in various fields such as facilities management, ensuring sustainable solutions and reducing recurring issues.
- Obtain a root cause analysis certification that enhances your professional skills and opens new career opportunities in quality management and risk management.

Conclusion

By the end of this course, you will have the tools and skills necessary to identify the root cause of problems and implement effective, impactful solutions. Whether you are working in facilities management or any other industry, you will be able to apply root cause analysis to improve performance, reduce costs, and increase efficiency. Take this opportunity to enhance your root cause analysis skills and deliver innovative, sustainable solutions within your organization.

A graphic of a chessboard with several chess pieces (king, queen, rook, knight, and pawns) in gold and silver. The text 'UK Training PARTNER' is overlaid on the board.

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)



Salzburg (Austria)



Florence (Italy)



London (UK)



Istanbul (Turkey)



Amsterdam



Düsseldorf (Germany)



Paris (France)



Athens (Greece)



Barcelona (Spain)



Munich (Germany)



Geneva (Switzerland)



Prague (Czech)



Vienna (Austria)



Rome (Italy)



Brussels (Belgium)



Madrid (Spain)



Berlin (Germany)



Lisbon (Portugal)



Zurich (Switzerland)



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)
(Kuwait)



Phuket (Thailand)



Shanghai (China)



Dubai (UAE)



Kuala Lumpur (Malaysia)



Kuwait City



Seoul (South Korea)



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

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

