

Lean Six Sigma

Barcelona (Spain)

27 - 31 July 2026

UK Traininig

PARTNER



Lean Six Sigma

Code: IT28 From: 27 - 31 July 2026 City: Barcelona (Spain) Fees: 5100 Pound

Introduction

In today's competitive landscape, businesses are constantly seeking ways to maximize efficiency, minimize waste, and boost quality to maintain an edge. What is Lean Six Sigma? It is a powerful methodology that combines Lean principles focused on eliminating waste and enhancing process flow with Six Sigma techniques which reduce variation and defects. This integration provides a holistic approach to achieving operational excellence. Through Lean Six Sigma training, participants gain both the practical tools and the data-driven mindset needed to deliver consistent, measurable improvements across their organizations. This Lean Six Sigma course is designed to provide a deep understanding of the Lean Six Sigma methodology and equip professionals with the skills needed to lead transformative projects.

Course Objectives

- Comprehensive Understanding: Gain a comprehensive understanding of Lean Six Sigma principles and their vital role in driving business success.
- Opportunity Identification: Learn how to identify and prioritize opportunities for improvement to achieve impactful results using Lean and Six Sigma principles.
- Project Leadership Skills: Acquire essential skills and tools to lead Lean Six Sigma projects effectively, delivering measurable outcomes.
- Culture of Continuous Improvement: Develop a culture of continuous improvement to support long-term operational excellence.
- Stay Current with Best Practices: Stay current with emerging Lean Six Sigma methodologies and best practices to remain competitive in the market.

Course Outlines

Day 1: Introduction to Lean Six Sigma

- Overview of the Lean Six Sigma methodology and its evolution.
- Understanding the DMAIC Define, Measure, Analyze, Improve, Control framework, the cornerstone of Lean Six Sigma steps.
- Key principles: Customer focus, Process optimization, and Data-driven decision-making.
- Case studies on successful Lean Six Sigma implementations and their impact on business performance.

Day 2: Define Phase

- Defining project goals and objectives using Lean Six Sigma principles.
- Conducting stakeholder analysis and Voice of the Customer VOC analysis.
- Identifying Critical-to-Quality CTQ elements and developing project charters.



Day 3: Measure Phase

- Techniques for process mapping and value stream analysis.
- Methods for effective data collection and sampling.
- Tools for process performance measurement, including Measurement System Analysis MSA and capability analysis.

Day 4: Analyze Phase

- Root cause analysis techniques 5 Whys, Fishbone diagram, Pareto analysis.
- Hypothesis testing and experimentation for identifying problem sources.
- Failure Mode and Effects Analysis FMEA to prioritize improvement opportunities.

Day 5: Improve and Control Phases

- Generating and selecting solutions using Lean tools 5S, Kanban, Poka-Yoke.
- Implementing and controlling process changes through Lean Six Sigma principles.
- Developing control plans, monitoring systems, and standardization practices for sustainable improvements.

Why Attend this Course: Wins & Losses!

- Gain a strong foundation in Lean Six Sigma foundations and practical skills to apply in real-world scenarios.
- Prepare for the best Lean Six Sigma certification by mastering each phase of the DMAIC process.
- Learn how to reduce operational inefficiencies, improve quality, and create lasting value within your organization.
- Understand the cost of Lean Six Sigma training and how it translates into measurable ROI for businesses.
- Become an indispensable contributor by implementing Lean Six Sigma methodologies that drive business success.

Conclusion

By the end of this Lean Six Sigma course, participants will have a solid foundation in Lean Six Sigma methodologies and practical experience with each step of the DMAIC process. Graduates will be equipped to reduce operational inefficiencies, improve quality, and create lasting value within their organizations.

Whether pursuing a Lean Sigma Six certification or enhancing professional skills, this course empowers participants to become leaders in driving continuous improvement and achieving operational excellence.



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)



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)
Korea



Phuket (Thailand)



Dubai (UAE)



Kuala Lumpur (Malaysia)



Kuwait City (Kuwait)



Seoul (South)



Pulau Ujong (Singapore)



Irbid (Jordan)



Jakarta (Indonesia)



Amman (Jordan)



Beirut



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 Trading
Company WLL,
Qatar



Alumina Corporation
Guinea



Booking.com
Netherlands



Oxfam GB International
Organization,
Yemen



Capital Markets
Authority,
Kuwait



Waltersmith Petroman Oil Limited
Nigeria



Qatar National Bank
(QNB),
Qatar



Qatar Foundation,
Qatar



AFRICAN UNION ADVISORY
BOARD ON CORRUPTION,
Tanzania



KFAS
Kuwait



Reserve Bank of
Malawi,
Malawi



Central Bank of Nigeria
Nigeria



Ministry of Interior,
KSA



Mabruk Oil Company
Libya



Saudi Electricity
Company,
KSA



BADAN PENGELOLA
KEUANGAN Haji,
Indonesia



NATO
Italy



ENI CORPORATE
UNIVERSITY,
Italy



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 Solutions,
KSA



North Oil company,



EKO Electricity



Oman Broadband



UNITED NATIONS
UN.



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

