

Six Sigma Green Belt Certification: Process Improvement

Audit & Quality Assurance
Amsterdam (Netherlands)
22 - 26 Sep 2025

UK Traininig

PARTNER



Six Sigma Green Belt Certification: Process Improvement

Ref: 3046_132394 **Date:** 22 - 26 Sep 2025 **Location:** Amsterdam (Netherlands) **Fees:** 4200 Euro

Course Description

This intensive 5-day Six Sigma Green Belt certification course equips participants with the tools and methodologies to lead process improvement projects. Attendees will master the DMAIC framework, statistical analysis techniques, and Lean principles to drive efficiency, reduce waste, and enhance quality in their organizations.

Learning Objectives

- Understand and apply the DMAIC Define, Measure, Analyze, Improve, Control methodology
- Utilize statistical tools and data analysis techniques for process improvement
- Implement Lean principles to eliminate waste and enhance efficiency
- Develop project management skills to lead successful Six Sigma initiatives
- Apply root cause analysis and problem-solving techniques

Course Modules

Day 1: Introduction to Six Sigma and Define Phase

- Six Sigma fundamentals and DMAIC overview
- Project selection and charter development
- Voice of the Customer VOC and Critical to Quality CTQ characteristics
- Process mapping techniques SIPOC, Value Stream Mapping

Day 2: Measure Phase

- Data collection planning and sampling methods
- Measurement System Analysis MSA and Gage R&R
- Process capability analysis
- Introduction to Minitab statistical software

Day 3: Analyze Phase

- Exploratory Data Analysis EDA techniques
- Hypothesis testing and confidence intervals
- Correlation and regression analysis
- Root cause analysis tools Fishbone diagram, 5 Whys

Day 4: Improve and Control Phases

UK Training
PARTNER



- Design of Experiments DOE basics
- Solution selection and prioritization methods
- Implementation planning and change management
- Statistical Process Control SPC and control charts

Day 5: Lean Principles and Project Management

- Lean concepts and waste elimination techniques
- 5S, Visual Management, and Standard Work
- Project management and team leadership skills
- Six Sigma project simulation and case studies

Practical Wins for Participants

- Ability to lead process improvement projects that deliver measurable results
- Enhanced problem-solving skills applicable across various business functions
- Improved data analysis and decision-making capabilities
- Increased value to employers as a certified Six Sigma Green Belt professional

Blackbird training cities



Amman (Jordan)



Amsterdam (Netherlands)

Accra (Ghana)

Annecy (France)

Baku (Azerbaijan)

Bali (Indonesia)

Bangkok (Thailand)

Bangkok (Thailand)

Barcelona (Spain)

Batumi (Georgia)

Beijing (China)

Beirut (Lebanon)

Berlin (Germany)

Birmingham (UK)

Bordeaux (France)

Boston, Massachusetts (USA)

Brussels (Belgium)

Cairo (Egypt)

Cape Town (South Africa)

Casablanca (Morocco)

Cascais (Portugal)

Copenhagen (Denmark)

Doha (Qatar)

Dubai (UAE)

Düsseldorf (Germany)

UK Training
PARTNER



Blackbird Training Category



Human Resource



Audit & Quality Assurance



Finance, Accounting, Budgeting



Marketing, Sales, Customer Service



Secretary & Admin



Law and Contract Management



Project Management



IT & IT Engineering



Supply Chain & Logistics



Management & Leadership



Professional Skills



Oil & Gas Engineering



Health & Safety



Telecom Engineering



Hospital Management



Customs & Safety



Aviation



C-Suite Training



Agile and Refinement



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
Kingdom of Saudi Arabia
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



LONDON TRAINING PROVIDER



www.blackbird-training.com



training@blackbird-training.com



+44 7480 775526 / +44 7401 177335