

## Six Certified Sigma Green Belt

Audit & Quality Assurance  
Düsseldorf (Germany)  
17 - 21 Feb 2025

UK Training

# PARTNER



## Six Certified Sigma Green Belt

**Ref:** 3046\_134714 **Date:** 17 - 21 Feb 2025 **Location:** Düsseldorf (Germany) **Fees:** 4200 Euro

### Introduction

This training enables you to develop and certify the technical knowledge and skills of a Six Sigma Green Belt. The course is characterized by experiential learning, personalized labs, skill-based training, practical statistics, 1:1 attention, and immediately usable decision trees and job aids. Certification is based on a project simulation, in-class assignments, examination, and participation.

### Course objectives of Six Sigma Green Belt

- Learn the fundamental principles of process improvement
- Manage projects using the familiar DMAIC methodology
- Leverage the GRES methodology for problem-solving
- Apply basic statistical analyses when appropriate to support improvement efforts
- Learn how to verify process improvements by using statistical and common-sense methods
- Facilitate Green Belt process improvement projects
- Learn how to shift processes, reduce variation, stabilize processes, and improve their capabilities

### Course outlines of Six Sigma Green Belt

#### Day 1

##### Introduction to Six Sigma Green Belt and Define

- Course Objectives and Structure
- Course Overview
- Introduction to Six Sigma Green Belt Training
- Project Stakeholders
- D1 Project Selection
- D2 Scope Projects
- D3 Develop Charter

#### Day 2

##### Measure

- M1 Detailed Process Maps
- M2 Data Analysis

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

UK Training  
**PARTNER**

- M3 Data Management Plans
- M4 Algebra Review & Summary Statistics
- M5 Graphical Displays
- M6 Time Based Displays

### Day 3

#### Analyze

- A1 Value Add Analysis
- A2 Stratification Analysis
- A3 Root Cause Analysis

### Day 4

#### Improve and Control

- I1 Process Improvement
- I2 Project Validation
- C1 Control Methods
- C2 Control Charts
- C3 Sustainability
- Six Sigma Green Belt Certification
- Closing the Training

### Day 5

#### Certification Exam

#### Examination, Six Sigma Green Belt

- Duration: 3 hours. The exam covers the following competency domains:
- Domain 1; Fundamental principles of Six Sigma Green Belt
- Domain 2; Implementation of the rigorous DMAIC methodology
- Domain 3; The use of data-based decision making
- Domain 4; Planning and completing Six Sigma projects
- Domain 5; Interpretation of statistical tools
- Domain 6; Improvement of processes and how to solve organizational problems

## Blackbird training cities

Accra1 (Ghana)

Amman (Jordan)

Amsterdam (Netherlands)

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 Resources



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



UK Training  
**PARTNER**



**BLACKBIRD**  
FOR TRAINING

**LONDON TRAINING PROVIDER**



[www.blackbird-training.com](http://www.blackbird-training.com)



[training@blackbird-training.com](mailto:training@blackbird-training.com)



+44 7480 775526 / +44 7401 177335