

Six Certified Sigma Green Belt

Audit & Quality Assurance
Toronto (Canada)
17 - 21 Feb 2025

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Six Certified Sigma Green Belt

Ref: 3046_126169 **Date:** 17 - 21 Feb 2025 **Location:** Toronto (Canada) **Fees:** 4700 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 board.

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- 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

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