



BoK Internationally Accredited by:



Lean Six Sigma Green Belt Accelerated Instructor-Led Online Training (3 Days)

Price: \$1,470+GST (Includes Internal Examination & Completion Certification)

Objectives

- The Green Belt Course is designed to improve process performance, deliver medium to high impact projects and achieve significant cost savings.
- Lean Six Sigma Green Belt is designed to acquire the special skills and knowledge required before leading or taking part in any continuous improvement project.
- Green Belts will effectively use the Lean Six Sigma tools throughout their organization, customers and suppliers for achieving business improvement results.
- Green Belts will gain thorough understanding of all aspects of the DMAIC model in accordance with Six Sigma principles.
- Green Belts will gain knowledge of Lean enterprise concepts, are able to identify non-value-added elements & activities.

Who Should Attend :

Chief Executive Officers, Managing Directors, Executive Officers, General Managers, Managers, Executives, Engineers and Continuous Improvement Specialists & Others.

Departments

Business Process Improvement, Change Management, Continuous Improvement, Project Management, Industrial Engineering, Production Management, Quality Management, Logistics, Contract Department, Innovation Department, Commercial Department, Business Development, Strategic Planning, Human Resource, Finance & Others.

Course Content

Session 1: Define & Measure Phase (1Day).

- Introduction & Overview of Six Sigma.
- Cost of Poor Quality (COPQ).
- Drill Down Tree & Pareto Chart.
- Project Charter Development
- Voice of Customers (VOC) & Kano Model.
- SIPOC & Basic Process Mapping.
- Financial Analysis and Cost Savings.
- Root Cause Analysis (RCA) Tools.
- Data Collection Plan.
- Basic Statistics and Sampling Techniques.
- Capability Analysis and Sigma Value.
- Detailed Process Mapping.
- Fishbone Diagram.
- Failure Modes and Effects Analysis (FMEA).

Session 2: Analyze Phase (1Day).

- Graphical & Value Analysis.
- Hypothesis Testing- P Value & statistical sample tests.
- Advanced Graphical Analysis.
 - Sigma Value / Z-Bench, Graphical Tools for Statistics, Pareto Charts, Run Charts, Dot Plots, Scatter Plots, Matrix Plots, Histograms, Time Series Plots.
- Regression Analysis
 - Correlation Analysis, Multiple Regression, Simple Linear Regression.
- Value Stream Mapping (VSM).
- Summarising Potential Factors & Potential Solutions.

