



CERTIFICATION PROGRAM

Certified Six Sigma Green Belt



Six Sigma has already managed to create its success path. From the lines of success of Motorola and GE down to multi-faceted industries that followed suit not only in manufacturing but in the areas of service: Banks, IT-enabled sectors, Government, Telecommunications, Business Process Outsourcing and even, Healthcare. Today, Six Sigma is NOT only a capability metric most people are afraid of. It is a DISCIPLINE, a THINKING PATTERN of problem solving using the objectivity of data analysis.

This 10-Training Day Certification Program is designed to develop the Green Belt role of leading a Six Sigma project. Such leadership shall encompass mastery of Six Sigma roadmap (Define-Measure-Analyze-Improve-Control), adeptness in arriving at the core reason of the problem and ability to mobilize people for change and sustenance.

Upon completion of this program, an individual shall demonstrate proficiency with the core analytical tools and the rationality of the Six Sigma Problem Solving approach and use them for positive financial impact and customer benefits. The training days are staggered to allow the individual to set the pace of their identified project with the training. It is learning by doing that they will be able to appreciate the value of Six Sigma thinking thus builds the desire to learn quantitative analysis.

Overview of Course Curriculum

- \* Leading & Managing in a Six Sigma World
- \* Building an Effective Metrics System
- \* LEAN Thinking for Process Mapping & Optimization
- \* Statistical Process Control: Detecting Process Variation and Capability
- \* Root Cause Analysis & Risk Management Techniques
- \* Graphical Toolbox for Data Interpretation & Analysis
- \* Hypothesis Testing for Advanced Data Analysis
  - \* Probability Theory
  - \* Parametric Distributions
  - \* Testing for Goodness of Fit
  - \* Testing for Variances
  - \* Testing for Means
  - \* Nonparametric Statistics
- \* I THINK: Guide to Innovative Thinking
- \* Change Management for Sustaining Success

The knowledge areas in the curriculum are aligned with industry known body of knowledge in Six Sigma and other areas such as Lean, Balanced Scorecard and Innovative Thinking Techniques. The course is also equipped with the application of MINITAB.

Can be upgraded to SIX SIGMA BLACK BELT CERTIFICATION!