



## Six Sigma Green Belt Training



Course Duration: 5 Days - 8 Hours/day

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# Six Sigma Green Belt Training

Course Duration: 5 Days

## Seminar Content

This workshop enables participants to become the primary members in a project team to achieve Six Sigma levels of quality using a Breakthrough Strategy and methodology to address key product/service improvement opportunities; 5 Days

## Learning Objectives

Gain fundamental knowledge of the Six Sigma Strategy and tools in order to assist Black Belts in Breakthrough project implementation and apply the DMAIC process to local problem solving projects.

## Seminar Outline

- Introduction and Vision of Six Sigma
- The DMAIC process and Team Problem Solving
- Process Mapping
- Process FMEA
- Basic Statistics
- Computer (Statistical Analysis) Basics
- Graphical Methods
- Central Limit Theorem
- Capability Analysis
- Measurement System Analysis
- Multi-Vari Studies
- Hypothesis Testing
- One-way ANOVA
- DOE Overview
- Mistake Proofing

- Statistical Process Control
- Standardization
- Lean Processes and Continual Improvement

## Who Should Attend

Individuals who will participate in a Six Sigma, quality, or process improvement team; those who will champion and support Six Sigma projects.

## Seminar Materials

Seminar manual.

## Pre-Requisite

The participants are required to bring to the class a laptop with the statistical package Minitab installed or with rights to install a demo version of this program.

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