

# Six Sigma Overview

## Introductory Seminar for Executives and Managers



Companies around the world have implemented Six Sigma and programs to:

- Improve Customer Satisfaction
- Maximize Process Efficiencies
- Increase Competitive Advantage
- Maximize Market Share
- Save Millions in Operating Expenses

### Workshop Description

This 1-day seminar provides a broad and thorough introduction to the proven Six Sigma methodology for driving and achieving process improvement within an organization. Six Sigma is a structured improvement process that focuses on customer requirements, process alignment, analytical rigor, and timely execution. This workshop introduces the Six Sigma methodology, outlines proven Six Sigma techniques, highlights case studies that demonstrate how to realize savings and to measure return on investment, and provides for questions and answers.

### Workshop Purpose

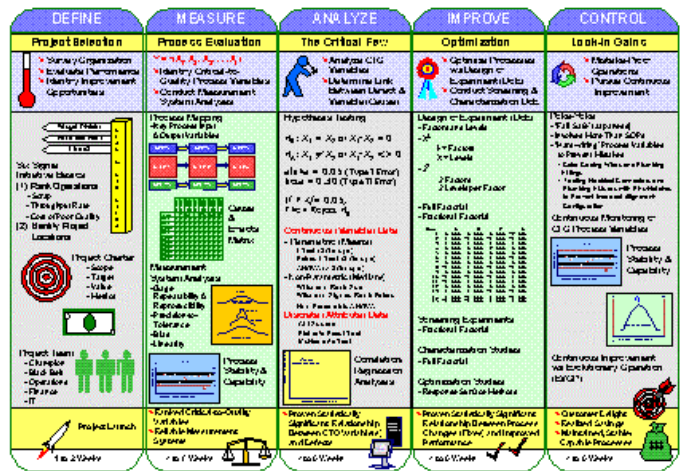
This workshop is designed to enable executives to evaluate how Six Sigma programs can achieve measurable results, and, as appropriate, to provide an avenue for initiating Six Sigma techniques within your organization.

### Workshop Prerequisites

No prerequisites are required, other than an open mind and a willingness to participate.

### Objectives

- Explore the origins of the Six Sigma process.
- Answer the question: "What is Six Sigma?"
- Define the roles and responsibilities of Six Sigma team members.
- Introduce the 5 phases of the Six Sigma process.
- Review the components of the Define and Measure phases.
- Discuss process performance and progress metrics: baseline, goal, and entitlement.
- Review the components of the Analysis and Improvement phases.
- Explore Control phase tools to maintain performance gains and savings.
- Review the Green and Black Belt certification process.
- Share examples of successful Six Sigma projects and identify their key elements.
- Discuss how to initiate Six Sigma within your organization.



## Seminar Curriculum

### Introduction

Introduce workshop facilitators, itinerary, goals, and objectives.

### Six Sigma Background

Discuss the origins of Six Sigma and the answer to the question: "What is Six Sigma?"

### Six Sigma Methodology

Introduce the Six Sigma methodology and data driven decision-making.

### DMAIC Project Phases

Explore the 5-phase DMAIC (define, measure, analyze, improve, control) process for realizing quantifiable results.

### ROI

Review techniques for generating sustainable savings within the Six Sigma project framework.

### Six Sigma Roles and Responsibilities

Identify the roles and responsibilities of key project team members: Champion, Green Belt, and Black Belt.

### Six Sigma Training and Certification

Review options for providing training and the benefits of certification.

### Six Sigma Case Study

Review the results and key elements of a successful Six Sigma initiative.

### Project Selection and Pipeline Development

Explain effective ways to assess project opportunities and to develop the project pipeline.

### Six Sigma Initiative Path

Introduce a proven path for initiating a Six Sigma program within your organization.