



Six Sigma Executive Overview

4 Hours

Audience and Purpose:

This course is designed for Executives and Managers working directly with Champions, Black Belts and Green Belts on Six Sigma breakthrough projects. Topics include an overview of Six Sigma concepts, required infrastructure, expected benefits, enterprise level metrics and the “DMAIC” method for achieving breakthroughs in performance.

Course Objectives:

Upon completion of the course, the participants will be able to:

1. Describe the Six Sigma breakthrough strategy
2. Understand Management’s role in the Six Sigma Initiative
3. Relate the roles and responsibilities of the Champion, Black Belt, Green Belt and Team Members
4. Identify projects with high probability for success
5. Understand the DMAIC methodology and how it applies to improvement projects
6. Establish and utilize dashboard metrics
7. Assist in project management and project goal completion

Course Outline:

Section I

Six Sigma Introduction

What is Lean Six Sigma?
Three elements of Lean Six Sigma
How Lean Six Sigma fits into the Company
Integration of Lean into Six Sigma deployment
DMAIC Roadmap
Expected benefits of Lean Six Sigma

Section II

Management Infrastructure for Lean Six Sigma

Roles and Responsibilities
Executive Staff and Champions
Black Belts, Green Belts and all employees

Section III

Business Goals, Objectives, Dashboards for Lean Six Sigma

Alignment of Lean Six Sigma to business goals and objectives
Dashboards use and purpose

Section IV

DMAIC Breakthrough Methodology

Define
Measure
Analyze
Improve
Control

Section V

Implementation Issues and Timelines

Lean Six Sigma deployment model
Project selection
Black Belt selection
Reviewing progress and maintaining accountability
Next steps