



Six Sigma Champion Training 2 Days

Audience and Purpose:

This course is designed for Directors and Managers working as Champions of Lean Six Sigma breakthrough projects. It is assumed they come from different backgrounds and disciplines and will be working on a variety of projects across the company. Topics include an overview of Lean Six Sigma concepts, required infrastructure, expected benefits, enterprise level metrics, the “DMAIC” method for achieving breakthroughs in performance and project selection and management.

Course Objectives:

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

1. Understand and describe the Lean Six Sigma breakthrough process
2. Understand the Champion’s role in the Lean Six Sigma Initiative
3. Relate the roles and responsibilities of the Champion, Black Belt, Green Belt and Team Members
4. Understand the DMAIC methodology and how it applies to improvement projects
5. Relate the core deliverables of each phase of DMAIC and the purpose of tollgates
6. Identify projects with high probability for success
7. Assist in project management and project goal completion

Course Outline:

Section I

Lean Six Sigma Introduction

What is Lean Six Sigma?
Expected benefits of Lean Six Sigma
Three elements of Lean Six Sigma
DMAIC breakthrough process

Section II

Management and Organizational Infrastructure for Lean Six Sigma

Executive Staff
Champions
Master Black Belt
Black Belts
Green Belts
Finance Partners
All Employees

Section III

Project Identification and Prioritization

Breakdown the balance sheet
Consider “painful” Processes
Examining areas of waste
Look at the cost of quality
Customer satisfaction
Link projects to strategic objectives
Prioritizing projects



- Section IV** **DMAIC Breakthrough Methodology and Deliverables**
Define
Measure
Analyze
Improve
Control
- Section V** **Black Belt / Green Belt Selection and Management**
Qualities of an effective leader
Effective meetings and communication
Escalation
- Section VI** **Lean Six Sigma Implementation Roadmap**
Lean Six Sigma Roadmap