



Lean Six Sigma Yellow Belt

Basic improvement skills for process owners and team members

COURSE OVERVIEW

Expert problem-solvers and project leaders are necessary to change the performance trajectory of an organization. But it's also necessary to have the right people in the right support roles—paving the way for effective project work and sustaining performance gains after they've been made.

Lean Six Sigma Yellow Belt training provides an often-missing element of change program success: the need to sew performance gains into the fabric of everyday operational management and process control. Lean Six Sigma yellow belts (or call them what you want) can do this as critical lynchpins between change agents (like black belts) and process workers.

This course prepares process owners and others to function in this way by exposing them to Lean Six Sigma concepts, constructs and vernacular. It also gives them skills for mapping processes and collecting data, important groundwork that black belts and Lean leaders need to be effective.

LEARNING OBJECTIVES

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

- Understand the origins of Lean and Lean thinking.
- Identify the five principles of Lean and the eight types of waste.
- Participate as an active team member in a Lean Kaizen event.
- Understand Six Sigma and the benefits it brings to an organization.
- Comprehend the five-step DMAIC process and use certain tools within each phase.
- Apply new skills for collecting and analyzing data.
- Gain a new understanding of mistake proofing processes and apply other Lean concepts, tools and methods.

HOW YOU WILL LEARN IT

Classroom

The classroom version of LSS Yellow Belt transfers needed knowledge and skills to students via interactive lecture, group exercises, process and tool simulations and individual exercises.

In the classroom, BMGI expert instructors are interesting and engaging, transferring knowledge from their extensive industry experience and thorough set of course content. Instructors also vigorously challenge students to stretch themselves, and support them in this regard, so they can extract the most value from the experience.

As with all BMGI courses, this course has an applied focus, transferring knowhow to students in a way that prepares them to perform necessary improvement tasks in their processes and organizations.

I would absolutely recommend your firm and your online learning tool to anyone!

Peter Zeidler, *Advanced Business Analytics, TeleTech*

COURSE AT A GLANCE

Course Length

Classroom: 3 consecutive days
Online: 6 months to complete the course at own pace

Cost

Classroom: \$ 1,479
Online: \$ 249

Course Includes

▶ Access to BMGI's eLearning content, including quizzes, exams, tools and templates.

Classroom Agenda

DAY 1

- Lean Six Sigma Overview
- Roles and Responsibilities
- Process Mapping
- Cheetah Simulation
- Common Project Team Tools

DAY 2

- Review
- Lean Principles
- Introduction to Data Collection
- Analysis Tools
- Introduction to Control and Control Plans



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DAY 3

- Review
- Introduction to Control and Control Plans
- Lean Kaizen Event SCORE™ Methodology
- Introduction to Change Leadership

Online

The online version of this course is delivered through BMGI's state-of-the-art, interactive, flash-based eLearning system—complete with engaging visual content, simulations, real-world case studies and progressive learning stages that are toll-gated with quizzes. Students master the learning modules at their own pace and in their own time.

Online Agenda

- Introduction to Lean Six Sigma
- Introduction to Lean
- Five Principles of Lean
- Six Sigma Literally Speaking
- Six Sigma Roles and Phases
- DMAIC for Teams
- 5S
- The Eight Types of Waste
- Creating Awareness
- Creating a Shared Need
- High-level Process Maps
- Understanding What to Measure
- Data Collection
- Understanding Graphs
- Spaghetti Diagrams
- Fishbone Diagrams
- Building a Cause & Effect Matrix
- Building an FMEA
- Introduction to SPC
- Creating Pareto Charts
- Generating Solution Ideas
- Creating a Pilot Plan
- Control Methods
- Project Closure

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