



Lean Six Sigma eYellow Belt

Extend the reach of Lean Six Sigma inside your organization.



Lean Six Sigma Yellow Belts typically work on a multitude of tasks in a support role. They actively participate in projects by assisting with data collection, problem-solving tasks, tool application and reporting functions. But most importantly, Yellow Belts extend the reach of Lean Six Sigma inside an organization.

BMG University's **Lean Six Sigma eYellow Belt** program is a quick and effective way to get up to speed on key Lean Six Sigma tools. With it, organizations can deliver training to a critical mass of employees without creating additional demands on internal instructors and project leaders.

Course Description

The Lean Six Sigma eYellow Belt program delivers a thorough introduction to fundamental Lean Six Sigma tools. The world-class curriculum includes a comprehensive overview of Lean Six Sigma concepts, the DMAIC methodology and related analytical tools. During 16 hours of online lectures, you learn the basic vernacular, functions and activities you will experience when working on Lean Six Sigma projects in your organization.

Course Specifics

Who Should Attend: Anyone needing to know the fundamentals of Lean Six Sigma, or those interested in developing or improving process management or quality skills.

Course Length: Approximately 16 hours of study.

Course Includes: Access to the Lean Six Sigma eYellow Belt course modules for 120 days.

Course Agenda

This self-paced online program enables you to learn at your convenience. The program consists of more than 16 hours of material, across 26 course modules including:

- ❑ Six Sigma Literally Speaking
- ❑ DMAIC for Teams
- ❑ Introduction to Lean
- ❑ High-level Process Maps
- ❑ Preparing to Manage Change
- ❑ Mid-level Process Maps
- ❑ Spaghetti Diagrams
- ❑ Understanding What to Measure
- ❑ Data Collection
- ❑ Basic Statistics
- ❑ Current-state Value Stream Maps
- ❑ Fishbone Diagrams
- ❑ Building a Cause & Effect Matrix
- ❑ 5S
- ❑ Flow
- ❑ Standard Work
- ❑ Pull
- ❑ Kanban
- ❑ Understanding Graphs Level 1
- ❑ Failure Modes and Effects Analysis (FMEA)
- ❑ Generate the Solution
- ❑ Future-state Value Stream Maps
- ❑ Control Phase Tools
- ❑ Mistake Proofing
- ❑ Introduction to SPC
- ❑ Project Closure

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

— Peter Zeidler
Advanced Business Analytics
TeleTech

KEY LEARNING OUTCOMES

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

- ❑ Discuss the concept of Lean Six Sigma, the DMAIC methodology and key organizational roles.
- ❑ Identify the most significant input variables affecting the output of a process.
- ❑ Apply basic statistical analysis to determine the relationship between key inputs and process outputs.
- ❑ Filter and narrow down the list of possible variables that may be negatively affecting the output of a process.
- ❑ Effectively participate in the identification of a problem solution.
- ❑ Help implement systems to ensure improvements are maintained in the long-term.



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