

Lean Six Sigma (LSS) Yellow Belt

What is Lean Six Sigma?

Lean Six Sigma is a cutting edge business management philosophy. In short term, Lean Six Sigma involves running high impact improvement projects. These projects increase labor productivities and business efficiencies and lower costs through breakthrough process improvements. In longer term, Lean Six Sigma creates a paradigm shift in the culture from reactionary fire fighting to proactive, data driven decision making and continues improvement.



Who are LSS Yellow Belts?

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

Course Overview

Our two day Six Sigma Yellow Belt class includes a comprehensive overview of Six Sigma concepts, the DMAIC methodology and related analytics tools.

Our Yellow belt training is designed to expose Lean and Six Sigma team members to the basic vernacular, functions and activities they will experience when working on projects in the organization. The experience provides Yellow Belts with the education they need to interact with Green Belt and Black Belts during project report outs and throughout Lean and Six Sigma projects.

In this course, students are exposed to a multitude of new concepts. While there are no prerequisites, many students report that without previous exposure to statistics, class teachings often remain unclear until they have the opportunity to work on a project.

Learning Objectives

- ◆ Understand the role Six Sigma plays and the benefits it can bring to an organization
- ◆ Comprehend the five step D-M-A-I-C process and be able to describe and use many of the tools within each phase

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Learning Objectives (cont.)

- ◆ Be able to identify key Six Sigma concepts and use tools such as affinity matrices, cause and effect diagrams, tree diagrams, FMEA and brainstorming techniques.
- ◆ Apply new skills for collecting and analyzing data
- ◆ Gain a new understanding of mistake proofing processes.
- ◆ Understand the origins of Lean and Lean thinking.
- ◆ Be able to identify the five principles of Lean and eight types of waste
- ◆ Be able to participate as an active team member in a Lean or SCORE event to reduce waste and improve efficiency.



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Course Length (Class Room)

2 consecutive days

14 hours of instruction



**2011
Calendar**

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Class Room Agenda

Day 1

- ◆ Six Sigma Overview
- ◆ Roles and Responsibilities
- ◆ Process Mapping
- ◆ Common DMAIC Team Tools
- ◆ Brainstorming
- ◆ Affinity Diagrams
- ◆ Cause & Effect Diagrams
- ◆ Tree Diagrams

Day 2

- ◆ Introduction to data Collection
- ◆ Analyze Phase Tools
- ◆ Introduction to Control and Control Plans
- ◆ Project Closure and Realization
- ◆ DMAIC Synopsis

About SUKAD

SUKAD is a provider of Integrated Project and Process Management Services. SUKAD collaborates with BMGI and offer Lean and Six Sigma certifications jointly with BMGI.