



Lean Process Improvement

Enhance your teams understanding of the processes that drive your organization with our Lean Process Improvement Training. This program provides participants, with insights and practical techniques to effectively implement Lean Process Improvement within their company. The training delves into the principles of Lean, drawing inspiration from the Toyota precepts and focusing on five concepts; value, waste, variation, complexity and continuous improvement. Armed with this knowledge participants will be able to apply these principles in their work environment leading to improvements in efficiency and effectiveness.

The adoption of Lean processes has revolutionized leading companies across industries. During this training we will explore how these companies have achieved success through implementing Lean Process Improvements and how your organization can replicate achievements by applying the same principles.

Course Overview

The training day begins with introductions from participants and an overview of the workshops content. Attendees will also have an opportunity to define their learning objectives.

This workshop equips participants with skills such, as;

- Defining Lean and its key terminology.
- Describing the Toyota Production System (TPS) and the TPS house.
- Explaining the five improvement concepts.
- Utilizing the Kano model to understand, describe, analyze and enhance value.
- Learn how to identify and minimize types of waste.
- Create a strategy, for building an sustainable Lean organization.
- Utilize the PDSA and R DMAIC S models to plan, execute and evaluate changes effectively.
- Lean thinking frameworks such as 5W 2H Genchi Genbutsu and Gemba into your practices.
- Get ready for Successfully complete a 5 S initiative.
- Understand the components of Kaizen events, a Kaizen blitz.
- Gather, analyze and interpret data using flow charts, Ishikawa (fishbone) diagrams, SIPOC diagrams and value stream maps.
- Return to your organization equipped with a blueprint to integrate principles into its culture.

Understanding Lean

Participants will acquire an understanding of principles including its origins the Toyoda Precepts, how it differs from Six Sigma and commonly used terminology in the world of Lean.

The Toyota Production System

This section provides an, in depth exploration of the Toyota Production System as presented by Jeffrey Liker.

The Toyota Production System House

Participants will delve into another representation of the Toyota Production System during this session.

The Five Critical Improvement Concepts

This segment delves into five principles that form the foundation of improving processes through Lean; value, waste, variation, complexity, and continuous improvement.

Understanding the Concept of Value with the Kano Model

In this session we will delve into the concept of value using the Kano model. The Kano model categorizes attributes of products or systems into basic, performance and value added categories.

Different Types of Waste

In this section we will explore the three types of waste; muda, muri and mura. We will also discuss variations of waste.

Creating an Environmentally Responsible Organization

The next phase focuses on strategies, for building a organization by following Lean principles. We will also introduce John Bichenos 20 keys to an organization.

The Plan, Do, Study, Act (PDSA) Cycle

This session will cover the PDSA cycle, which's a tool for planning and implementing organizational changes effectively.

Utilizing the R DMAIC S Model

Participants will gain knowledge about the Recognize Define Measure Analyze Improve Control Sustain (R DMAIC S) model. This advanced version of PDSA is primarily used in Six Sigma practices.

Tools for Lean Thinking

We will introduce tools for Lean thinking in this section. These tools include 5W 2H analysis, Genchi Genbutsu methodology, Gemba approach and 5 S principles.

Kaizen Events

During this session we will explore Kaizen events at levels. Our emphasis will be, on Level 3 Kaizen events commonly known as Kaizen blitz.

A Strategy, for Bringing Home

In the session participants are encouraged to think about obstacles and challenges in implementing Lean practices as well as how to overcome them in their own organizations. Additionally participants will be provided with suggestions for projects and a roadmap, for adopting Lean methodologies.

Wrapping up the Workshop

Towards the end of the course participants will have a chance to ask questions and create a plan of action to put their acquired knowledge of Lean into practice.

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