



Lean Six Sigma Yellow Belt Training & Certification

WHO SHOULD ATTEND?

This training is for anyone who is eager to make their career successful in the field of Quality Management, Business and Operations Excellence, and to those who desire to efficiently implement Six Sigma Discipline in their organization to achieve its goals.

PROGRAM DESCRIPTION

This sixteen-hour training and certification course aims to train and certify individuals to be Lean Six Sigma Yellow Belts. This program is designed to help the organization to improve its business performance.

PROGRAM DETAILS

Course Name: Lean Six Sigma Yellow Belt Training & Certification

Duration: Sixteen (16) hours
Class Size: 25 pax

PREREQUISITES

- Preferably a college/ university graduate
- For non-degree holders, with at least one-year relevant work experience in process improvement



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CERTIFICATION REQUIREMENTS

To become a Certified Lean Six Sigma Yellow Belt, candidates must meet the following requirements:

- ✓ Achieved full attendance (16 hours) in the Lean Six Sigma Yellow Belt Course. (30% weight)
- ✓ Actively participated in group activities and workshops. (30% weight)
- ✓ Successfully passed the written examination. (40% weight)

The weighted average score shall be at least **80%** to be a Certified Lean Six Sigma Yellow Belt.

TRAINING OBJECTIVES

- ✓ To learn the fundamentals and objectives of Lean Six Sigma methodology, tools and process.
- ✓ Understand and learn how to communicate the Lean Six Sigma language to the organization or individual teams.
- ✓ Know the lifecycle of DMAIC methodology and its deliverables.
- ✓ Spark Out of the box-thinking in identifying solutions to the problem or projects.



The improvement of understanding is for two ends: first, our own increase of knowledge; secondly, to enable us to deliver that knowledge to others.

JOHN LOCKE

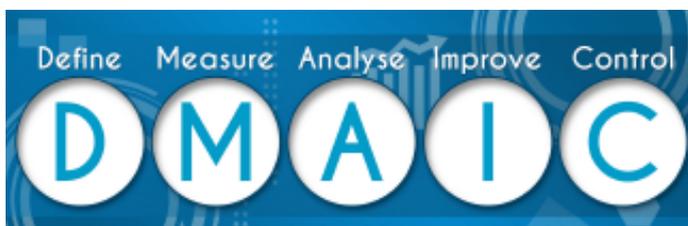


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COURSE OUTLINE

LEAN SIX SIGMA SNAPSHOT

- Problems that Businesses Face Today
- Practical Definition of Lean Six Sigma
- What is Six Sigma?
 - Six Sigma Principles
- What is Lean?
 - Lean Principles
- Types of Waste
- Lean vs. Six Sigma
- Lean Six Sigma Combined
- Lean Six Sigma Belts, Roles, and Responsibilities
- Identifying Sources of Projects and Project
- Selection
- Voice of the Customer
- Critical to Quality
- Selecting and prioritizing projects
- Types of Lean Six Sigma Projects



DMAIC METHODOLOGY

1. DEFINE
 - What is a Project Charter?
 - Writing a Problem & Goal Statement
 - Project Scoping and Team Members
 - Hard vs. Soft Benefits
 - Creating a high-level process or SIPOC
2. MEASURE
 - Creating a data collection plan
 - Trends and patterns using Line Charts
 - Detailed Process mapping
3. ANALYZE
 - Brainstorming
 - Fishbone/Ishikawa Diagrams
 - Pareto Analysis
 - 5 Why Analysis
4. IMPROVE
 - SCAMPER
 - Choosing the best solution
 - Creating Action Plans
5. CONTROL
 - Standardization Plan
 - Creating a Control Plan

DEBRIEF

