



# ***LEAN SIX SIGMA YELLOW BELT***

## ***COURSE OUTLINE***



# LEAN SIX SIGMA YELLOW BELT

**Duration**

*2 full days*

**Participants**

*Up to 12 participants*

**Formats**

*F2F and / or Virtual*

## COURSE OBJECTIVES

- 01** To understand the basics of Lean Six Sigma and its methodology for process improvement.

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- 02** To learn key Lean Six Sigma concepts and terminology, such as DMAIC, project charter, and root cause analysis.

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- 03** To acquire knowledge of data collection and analysis techniques, such as statistical process control and hypothesis testing.

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- 04** To gain an understanding of the Define, Measure, Improve, and Control (DMAIC) phases of Lean Six Sigma and how they are applied in process improvement projects.

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- 05** To learn about Lean principles and tools, such as value stream mapping and waste reduction.

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- 06** To develop the ability to identify and solve problems using Lean Six Sigma methods.

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- 07** To gain the skills to communicate and collaborate effectively with cross-functional teams in a Lean Six Sigma project.

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- 08** To prepare for further Lean Six Sigma training and certification, such as Green or Black Belt.

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# LEAN SIX SIGMA YELLOW BELT COURSE CONTENT OUTLINE

## Day 1

### Introduction to Lean Six Sigma

01

- Definition and Overview of Lean Six Sigma
- History of Lean Six Sigma
- Key Lean Six Sigma Terminology and Concepts

### Define Phase

02

- Project Selection and Prioritization
- Define Phase Objectives and Deliverables
- Defining the Problem and Customer Requirements
- Creating the Project Charter

### Feedback options

- Training evaluation survey available upon client request
- 1 on 1 feedback session available for implementation advice on personal projects

# LEAN SIX SIGMA YELLOW BELT COURSE CONTENT OUTLINE

## Day 2

### Measure Phase

03

- Basic Data Collection and Analysis Techniques
- Basic Statistical Concepts and Calculations
- Understanding Process Performance

### Control Phase

04

- Control Plans and Standard Operating Procedures
- Sustaining Improvements and Continual Process Improvement

### Wrap Up

05

- Review of Key Concepts
- Solve Yellow Belt exam sample questions

### Feedback options

- Training evaluation survey available upon client request
- 1 on 1 feedback session available for implementation advice on personal projects



# LET'S LEARN TOGETHER!

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