



# mindcore

## LEAN SIX SIGMA YELLOW BELT > ONLINE

### PROGRESS IN YOUR LEAN SIX SIGMA JOURNEY

Develop your problem-solving skills.  
Increase your knowledge of the Lean Six Sigma approach and tools.

#### TRAINING STRUCTURE

30 thematic capsules

#### DURATION

Online training (e-learning) of a total duration of 6 hours  
Equivalent of 2 days of classroom training

#### DESCRIPTION

An introduction to the basics of Lean Six Sigma methodology. Through this program you will be able to support the people responsible for your organization's continuous improvement process. Furthermore, you will be in a position to apply the most useful problem solving tools.

This training is designed for busy people who wish to become familiar with the fundamentals of a continuous improvement approach, all without having to move.

#### OBJECTIVES

- Get an overview of the Lean Six Sigma methodology
- Acquire the main problem solving tools
- Become an actor of change

#### WHO IS IT FOR?

- > You will be involved in an improvement initiative?
- > You are curious to discover the impact of the Lean Six Sigma methodology and how its tools work?
- > You will have to supervise an improvement project?

#### BENEFITS

- > Understand improvement projects that affect or involve you
- > Suggest and make improvements to the processes around you
- > Actively participate in Lean Six Sigma projects

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White belt section		Capsules	
INTRODUCTION TO CONTINUOUS IMPROVEMENT AND LEAN SIX SIGMA BASICS	INTRO	Business process management	
		Lean	
		Lean concepts	
		Six Sigma	
		Six Sigma concepts	
		Lean Six Sigma methodology	
		Project structure	
		Continuous improvement culture	
Yellow belt section		Capsules	Tools
DEFINE THE PROBLEM	1	Voice of the customer	Set the target of the mandate
		State the problem	5W2H
		Macro process	SIPOC
		Form a team	Sphere of influence
		Document the mandate	A3 Problem-solving report
MEASURE AND UNDERSTAND THE INITIAL SITUATION	2	The current situation	Gemba walk
		Process mapping	Flow chart and functional flow chart
			Value Stream Mapping (VSM)
			Spaghetti diagram
		Evaluate the performance	Quality – Cost - Time
		Performance standards	SMART goals
ANALYZE TO FIND ROOT CAUSES	3	Identify wastes	8 types of waste
		Identify the bottleneck	Theory of constraints
		Find causes	Cause and effect diagram
		Identify root causes	5 Why method
		Select root causes	10-4 weighting
IMPROVE TO SOLVE ROOT CAUSES	4	Rethink your processes	Eliminate wastes
			Increase capacity at the bottlenecked workstations
		Organize the work spaces	Rearranging the work spaces
			5S - Organization of the workstations
		Generate and manage ideas	Brainstorming
	Affinity diagram		
		Prioritize solutions	Effort-Impact matrix
		Document improvements	Action plan
CONTROL TO ENSURE A SUSTAINABLE PERFORMANCE	5	Validate the achievement of the performance goals	Measure the achievement of the performance goals
		Manage the gaps	Define the actions required to remedy the situation
		Complete the A3 problem-solving report	A3 problem-solving report

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