

# Lean Six Sigma Yellow Belt eLearning (ILSSI)

Duration: 36 hours study time/ 365-day access / exam voucher ILSSI included

## Why take our Lean Six Sigma Yellow Belt online training course?

During this Lean Six Sigma Yellow Belt e-learning you will learn the theory and practice it during exercises **to solve non-complex problems in a structural manner**.

During this training you will learn how **to really solve problems, make processes more efficient and more effective**. This will result in doing more with the same amount of people without working harder, by working smarter.



### This unique e-learning and certification package includes:

- 36 hours of self-paced learning
- A wide range of videos and exercises
- Each course can be downloaded and notes taken
- Monitoring of course progress
- A discussion forum
- A mobile application for learning and studying whenever and wherever you want
- **The ILSSI Lean Six Sigma Yellow Belt exam**



## COURSE & LEARNING OBJECTIVES

After this e-learning and acquiring your Internationally accredit ILSSI-certificate by passing the exam, you as Lean Six Sigma Yellow Belt can lead small improvement projects or be a team member in a Lean project. The participant has knowledge on these topics:

- Lean Six Sigma terminology
- Lean improvement tools Waste, Flow, Pull en Value stream analyse
- How to solve a problem or improve a process in a structured way,
- The different improvement tools, when and how to use them,
- How to make a process faster, better and more stable by eliminating waste.

## COURSE CONTENTS

- Introduction to Lean
- Introduction to Six Sigma
- Writing Effective Problem Statements
- Introduction to Kaizen
- Using the A3 Report for Rapid Improvement
- SIPOC Mapping
- Understanding and Implementing 5S/6S
- Implementing and Facilitating Lean "Huddles"
- Visual Workplace
- Standard Work
- Mapping the process
- Spaghetti Diagrams
- Gemba (Waste) Walks
- Failure Modes and Effects Analysis
- Error-Proofing/Mistake-proofing
- Controlling the Process
- Assessing Process Capability
- Constructing Project Charters
- Managing Change
- Brainstorming, Affinity Diagrams & Team Voting
- Cause & Effects Diagrams & the Five Whys

- Pareto Charts and the 80/20 Rule
- Introduction to Basic Statistics
- Graphical Analysis - The Histogram
- Graphical Analysis - The Boxplot
- Graphical Analysis - The Scatter Plot

## WHO SHOULD ATTEND?

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The Lean Six Sigma Yellow Belt e-learning is suitable for:

- Starters at the beginning of their career,
- Anybody working in a Lean or Lean Six Sigma (LSS) organization or in a LSS project or is going to participate in a LSS project,
- Anybody who want to execute a non-complex improvement project in a structural manner,
- Participants that want to continue to the Lean Six Sigma Green Belt training,
- Anybody who wants to learn the basics of the Lean Six Sigma principles and the some tools that accompany them.

## PRE-REQUISITES

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There are no formal entry criteria to enter this course or certification.

However, a good working knowledge of English is necessary to attend this eLearning and pass the exam.

## CERTIFICATION EXAM

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**The ILSSI (International Lean Six Sigma Institute) Yellow Belt exam** is included in this package, with the possibility of taking a second time free of charge.

The exam consists of 50 multiple-choice questions and each question only has one correct answer.

The test duration is 1 hour.