

Lean Six Sigma Yellow Belt eLearning (ILSSI)

Duration: 36 hours study time/ 6-month 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?

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

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

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.