

Lean Six Sigma Green Belt eLearning (ILSSI)

80 uren zelfstudie / 6 maanden toegang / examen voucher ILSSI inbegrepen

Onze online cursus Lean Six Sigma Green Belt (LSSGB) biedt deelnemers:

- een inzicht in de verschillende Six Sigma- en Lean-tools en -technieken die hen zullen helpen het productieproces te verbeteren en defecten in het eindproduct te minimaliseren met een grotere focus op de praktische implementatie van deze tool en technieken in de organisatie
- de nodige kennis voor verbetering van het productieproces en voor de implementatie van de Lean Six Sigma-methodologie in hun organisatie
- het vermogen om problemen met betrekking tot de praktische implementatie van Lean Six Sigma te identificeren, erop te anticiperen en eraan te werken



Dit unieke e-learning- en certificeringspakket bevat

- 51 lessen en 37 video's van hoge kwaliteit,
- 8 cursusmaterialen en referentiemateriaal met 30 oefeningen en quizen
- een mobiele applicatie om te leren en studeren waar en wanneer je maar wilt
 - een voortgangscntrolesysteem
- **Het ILSSI Lean Six Sigma Green Belt examen**

OPGELET: deze eLearning en het examen zijn enkel beschikbaar in het Engels

COURSE & LEARNING OBJECTIVES

At the end of this course, participants will have learned to:

- Identify project selection and evaluation criteria
- Plan and execute Six Sigma projects
- Form and effectively lead a Six Sigma project team
- Apply DMAIC (Define, Measure, Analyze, Improve, and Control) and various Six Sigma tools in process and quality improvement
- Assess and manage project risk
- Significantly increase profitability through Six Sigma projects
- Avoid pitfalls in implementing Six Sigma
- Integrate and enhance innovation and problem-solving skills

COURSE CONTENTS

Introduction to Lean Six Sigma

- History of quality (Deming, Juran, JIT, Ishikawa, Taguchi, and more.)
- Evolution of Six Sigma
- Definition Six Sigma - philosophy and objectives
- Overview of Six Sigma DMAIC process

Stakeholders and how to set up a Lean Six Sigma Project

- Stakeholder requirements: identification and documentation
- Criteria for project selection
- Project planning
- How to manage team dynamics
- Project management and planning tools

Lean Six Sigma Methodology - Define

- Inputs - Need for six sigma project, executive management sponsorship, core team identified
- Tools and outputs

Lean Six Sigma Methodology - Measure

- Objectives of the Measure phase
- Inputs - the outputs of the Define phase
- Tools and outputs

Lean Six Sigma Methodology - Analyze

- Objectives of the Analyze phase
- Inputs - outputs of the Measure phase
- Tools and outputs

Lean Six Sigma Methodology - Improve

- Objectives of the Improve phase
- Inputs - outputs of the Analyze phase
- Tools and outputs

Lean Six Sigma Methodology - Control

- Objectives and inputs of the Control phase
- Tools and outputs

Additional Lean Concepts

- A Value Stream Map
- Lean is speed
- Total Supply Chain
- Lean Six Sigma Logistics

WHO SHOULD ATTEND?

This course and Green Belt certification level is designed for employees and organizations requiring a standardized approach to problem solving for the purpose of continuous improvement in Quality Management.

Roles include Quality System Managers, Supervisors, Operations Managers, Finance and Commercial Managers, and professionals who want to apply the methodologies and quality control process within an organization.

PRE-REQUISITES

There are no formal prerequisites to enroll for this online course. However, we would advice to have some working experience (2 years or more), be comfortable with statistics and have a passion for problem solving and attention for details.

CERTIFICATION EXAM

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

The exam consists of 100 multiple-choice questions and each question only has one correct answer.

The test duration is 2 hours.

WHAT'S INCLUDED?

This unique eLearning & exam package includes:

- 37 videos
- 8 study guides
- 1 case study book with 30 exercices
- quizz questions
- progress tracking reports
- the ILSSI (International Six Sigma Institute) Green Belt exam with 1 resit
- access to the mobile app