

Lean Six Sigma Green Belt Opleiding (IASSC®)

7-daagse opleiding, examenvoucher en Take2 optie inbegrepen



Een 7-daagse cursus die u een compleet overzicht geeft van Lean Six Sigma en u voorbereidt op het Lean Six Sigma Green Belt examen!

Onze Lean Six Sigma Green Belt certificeringscursus zal u een goed begrip geven van de Lean Six Sigma methode. U leert ook verbeterprojecten te leiden en uw probleemoplossend vermogen te ontwikkelen.



- Een 7-daagse cursus die u voorbereidt op het behalen van de Lean Six Sigma - IASSC® Certified Green Belt™ ICGB™.
- Bevorder uw carrière, verdien een zeer gewild certificaat in Lean Six Sigma
- Praktische kennis opdoen door casestudy's en oefeningen
- Geaccrediteerd cursusmateriaal, examenvoucher en Take2 optie inbegrepen

COURSE & LEARNING OBJECTIVES

Our Lean Six Sigma Green Belt training will enable you to:

- Gain a thorough understanding in the core and advanced elements of the Lean Six Sigma methodology.
- Develop your Lean Six Sigma skills to lead successful improvement projects that deliver meaningful results to your organization.
- Become a highly appreciated team member in more complex improvement projects led by a Certified Black Belt.
- Understand and apply the five-step DMAIC model (Define, Measure, Analyze, Improve and Control) as a framework to organize process improvement activity.
- Understand how to implement, perform, interpret and apply Lean Six Sigma at a high level of proficiency.
- Relate Lean Six Sigma concepts to the global business mission and objectives.

COURSE OUTLINE

1. Define Phase

- The Basics of Six Sigma: meanings, general history, deliverables, etc.
- The fundamentals of Six Sigma: defining a process, basic Six Sigma metrics, ...
- Selecting Lean Six Sigma Projects
- The Lean Enterprise

2. The Measure Phase

- Process Definition
- Measurement System Analysis
- Process Capability

3. The Analyze Phase

- Patterns of variation
- Inferential statistics
- Hypothesis testing
- Hypothesis testing with normal data
- Hypothesis testing with non-normal data

4. The Improve Phase

- Simple linear regression
- Multiple regression analysis

5. The Control Phase

- Lean Controls
- Statistical Process Control (SPC)
- Six Sigma Control Plans

Pedagogical approach

In the morning, we have a face to face session explaining the theory.

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In the afternoon, we will work on a study case to put the knowledge into practice.

Who should attend?

This course is aimed at professionals who wish to understand and apply the Lean Six Sigma principles and instruments in order to work effectively with, or as a member of, a process improvement team. Lean Six Sigma is suitable for: Improvement Managers, Operational Line Managers, Team Managers, Project Managers, Programme Managers, Change Managers, Finance Managers, IT Managers, HR Managers, ...

PREREQUISITES

It is also recommended, although not required that those attending the course and sitting for the exam **have some knowledge of statistics and** some degree of real-world Lean Six Sigma work experience and project application experience.

Course Material

Participants receive a binder with the presentation, additional documentation and the evaluation exams.

ABOUT THE EXAMINATION

- Certification : IASSC Certified Lean Six Sigma Green Belt Exam™
- Duration : 180 minutes
- Exam format : closed book,
- Exam delivery: online, webcam proctored.
- Exam pass mark: 70 % (385/500)

There are no prerequisites required to sit for the IASSC Certified Lean Six Sigma Green Belt Exam.

Upon successful achievement, Professionals will receive IASSC Green Belt Certification issued by the International Association for Six Sigma Certification™, a true independent third-party Certification Association within the Lean Six Sigma Industry.