



## Green Belt – Lean Six Sigma

### Description

#### Lean Six Sigma Methodology Optimizes Your Production Processes

Lean Six Sigma Green Belt is a method that relies on a collaborative team effort to improve performance by systematically eliminating waste and reducing variations. This methodology includes several levels of training, with the Yellow Belt (beginner level), the Green Belt (intermediate level), and the Black Belt (advanced level).

#### We prepare you for the IASSC Certified Lean Six Sigma Green Belt exam.

After a brief review of the concepts covered during the Yellow Belt certification, the training continues by providing a deep understanding of the “Analyze,” “Improve,” and “Control” phases of the Lean Six Sigma methodology. Indeed, the Green Belt’s role is to implement the methodology and support the Black Belts in carrying out process improvement projects.

### Course Content

#### Module 1: Reminder of Lean Six Sigma Principles

- Lean Six Sigma
- DMAIC Cycle

#### Module 2: The "Define" Phase

- Charter
- SIPOC
- VOC
- Process Mapping

#### Module 3: The "Measure" Phase

- Measurement Plan and Protocol
- Statistical Concepts
- Sigma Level / Performance Level
- VA and NVA
- Wastes

#### **Module 4: The "Analyze" Phase**

- Descriptive Statistics and Root Cause Analysis
- Inferential Statistics: Correlations

#### **Module 5: The "Improve" and "Control" Phases Benefits**

- Templates, reminders, glossary, and bibliography
- Certified trainers: Black Belt or Master Black Belt Lean Six Sigma
- Green Belt Lean Six Sigma Industry Certification issued by ITTA

#### **Documentation**

- Courseware included

#### **Exam**

- A voucher for the certification is included in the course price

#### **Participant profiles**

- Technicians
- Production managers
- Quality teams
- Process managers
- Project managers
- Consultants

#### **Prerequisites**

- Have followed the training: [Yellow Belt Six Sigma](#)

#### **Objectives**

- Understand the concept of Six Sigma and the DMAIC approach to process improvement
- Understand the tools involved in the Define, Measure, Analyse, Improve and Control phases
- Understand the use of the tools in characterising processes, analysing process data, solving problems and controlling processes
- Use the key tools to solve practical business problems
- Lead small Six Sigma project teams or assist Black Belts to deliver tangible business results on larger projects

#### **Description**

Lean Six Sigma Green Belt Training

#### **Niveau**

Intermédiaire

#### **Classroom Registration Price (CHF)**

4600

**Virtual Classroom Registration Price (CHF)**

4350

**Duration (in Days)**

5

**Reference**

LSS2-GREENBELT