Green Belt – Lean Six Sigma

Description

Our Green Belt training provides participants with strong problem-solving skills, with an emphasis on the DMAIC (Define, Measure, Analyse, Improve and Control) model.

The Green Belt has two primary tasks: first, to help successfully deploy Six Sigma techniques. Second, to lead small-scale improvement projects within their respective areas. In a support role, Green Belts can do much of the data-gathering analysis in support of a Black Belt project. On the Green Belt course you will learn how to use many of the Six Sigma problem-solving methods and statistical tools to contribute to the success of your organisation.

Course Content
Module 1

- Lesson 1: Introduction
- Lesson 2: Change Management
- Lesson 3: Continuous Improvement
- Lesson 4: Lean Manufacturing
- Lesson 5: Six- Sigma & DMAIC
- Lesson 6: Kaizen Methodology
- Lesson 7: Problem Solving
- Lesson 8: Define & Measure
- Lesson 9: Customer Requirements
- Lesson 10: VOC

Module 2
- Lesson 1: Process Mapping
- Lesson 2: Statistical Process Control
- Lesson 3: SPC- Process Capability
- Lesson 4: Cp/Cpk- Analyse & Improve
- Lesson 5: Brainstorming
- Lesson 6: Whys Root Cause Analysis
- Lesson 7: Value Streams
- Lesson 8: SIPOC
- Lesson 9: Failure Mode & Effect Analysis- Control

Module 3
- Lesson 1: Standardisation
- Lesson 2: Mistake Proofing
- Lesson 3: Poke Yoke
- Lesson 4: Process Control
- Lesson 5: Review and Action
- Lesson 6: Course Project
- Lesson 7: Participants will be required to select a project on which to work during and after the training course
- Lesson 8: The participant's organisation and the course.

More information

- Customized access to an LMS (course materials and videos)
- Excel Templates, memento, glossary and bibliography
- Certified Trainers Black or Master Black Belt Lean Six Sigma
- Green Belt Certification Lean Six Sigma Industry issued by ITTA
- Opportunity to present themselves to a Third Party Certification in partnership with IASSC. Contact us for modalities

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

Niveau
Intermédiaire
Classroom Registration Price (CHF)
4600
Virtual Classroom Registration Price (CHF)
4350
Duration (in Days)
5
Reference
LSS2-GREENBELT