



Lean Six Sigma Practitioners Black Belt - week 2

Overview

This ten day course (delivered over two weeks - LSSBBWK1 & LSSBBWK2) provides the experienced Green Belt with the necessary tools and techniques to manage improvement resources to deliver major projects.

This hand-on learning experience develops both the delegate's technical knowledge and personal skills. The course uses a blend of theory and practical exercises to ensure that delegates have the confidence and capability to deliver more complex business improvement projects and transformations.

Lean and Six Sigma, both proven business improvement approaches, provide businesses with the ability to maximise customer, employee and shareholder value by minimising process variation and waste

Course Details

Days 5.00
Course Code LSSBBWK2

What's included with this course?

Exams Included

Examination

A lean Six Sigma Black Belt examination will be taken on the last day of week two - LSSBBWK2. It is open book. If a delegate fails the exam (70 % pass mark) they will be able to re-sit the examination. Data analysis questions will be used during both weeks to assess competency in statistical analysis using Minitab.

Accreditation

Once a delegate has completed the course and passed the examination they will be required to demonstrate the application of their learning in an appropriate improvement project.

If you have any queries about your projects following the course or wish to submit your project for accreditation then please contact the Lean Six Sigma group via the email Leanaccreditation@qa.com.

TARGET AUDIENCE

Experienced Green Belts who want to enhance and apply their skills to larger more complex projects and be recognised as a Lean Six Sigma Black Belt.

PREREQUISITES

Delegates must have completed a Lean Six Sigma Green Belt course with either QA (LSSGBP) or other organisation. Delegates should ideally, have a project identified to complete post-training. This is required for accreditation.

SUGGESTED PRE-READING

Lean Six Sigma and Minitab by Quinten Brook
Statistics without tears by Derek Rowntree

LEARNING OUTCOMES

This ten day course ran as two 5 day sessions, (week 1 and week 2), will enable delegates to become self-sufficient process improvement practitioners with the capability to analyse opportunities and deliver solutions.

COURSE OUTCOME

Week Two (LSSGBWK2) 5 days

- Review of week one

Analyse (continued)

- General Linear models
- Linear Regression
- Multiple Regression
- Lean Analysis
- Spaghetti Diagrams
- SMED
- TPM

Improve

- Kaizen
- Standard Work
- Problem Solving
- Handling conflict
- Coaching
- Creativity
- Prioritisation methods
- Design of Experiments
- Full factorial experiments
- Fractional factorial experiments

Control

- Control Charts
- Deploying Continuous Improvement

Examination

RELATED TRAINING COURSES

LSSA - Lean Six Sigma Analyst
LSSBBWK1 - Lean Six Sigma Practitioners
Black Belt - week 1

QA reserves the right to improve the specification and format of its courses for the benefit of its customers without notice to the customer.

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