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LEAN SIX SIGMA FOR SERVICES

Black Belt



ILX Group's Lean Six Sigma for Services Black Belt builds on the competencies developed within ILX Green Belt training and is designed for delegates who have decided to make Lean Six Sigma a career choice.

This intensive five day course will allow delegates to complement the skills learned in the Green Belt training with more advanced statistical tools and learn to cover the role of Black Belt and Project coach. The profile of a Black Belt is that of a Lean Six Sigma expert typically leading Lean Six Sigma projects, but also delivering training and coaching to other members of the organisation. Therefore, a minimum time commitment around 50% (or more) of their working time is recommended to anyone seeking a Black Belt accreditation.

LEARNING OBJECTIVES

Upon successful completion of the course candidates will be able to:

- ✓ Identify potential improvements in their organisation (Project selection)
- ✓ Lead complex Lean Six Sigma Projects
- ✓ Apply advanced statistical techniques (Regression Analysis, Design of Experiments, Measurement System Analysis, etc.)
- ✓ Train and coach Lean Six Sigma teams
- ✓ Become proficient in the use of Professional Software for Statistical Analysis (MINITAB)
- ✓ Drive Change and Continuous Improvement

BENEFITS

For the individual

- ✓ Learn valuable problem solving skills and tools, including advanced quantitative methods and leadership skills
- ✓ Prepare to effectively lead complex Lean Six Sigma Improvement projects
- ✓ Gain a Black Belt qualification

For the organisation

- ✓ Increase Process Improvement and Problem solving expertise
- ✓ Availability of qualified resources to manage Improvement projects
- ✓ The Return on Investment on DMAIC projects
- ✓ Reinforce a Culture of Continuous Process and Service Improvement

ACCREDITATION

The requirements for the ILX Lean Six Sigma for Services Black Belt Certification are:

- ✓ Attendance to the five day course (100%)
- ✓ Passing the ILX Lean Six Sigma for Services Black Belt examination: administered on the last day of the ILX Black Belt course. Multiple choice exam, open book (required threshold 70%)
- ✓ Deliver a real Lean Six Sigma project within your organisation, demonstrating a Return on Investment and Champion sign-off of project results. Project work is assessed by ILX Group Lean Six Sigma experts and is mandatory to obtain the ILX Lean Six Sigma for Services Black Belt Certification. Projects have to be completed and a formal report has to be submitted, within 12 months of completing the ILX Black Belt course.

Target Audience

- ✓ Head of Change and Continuous Improvement
- ✓ Project and Programme Manager
- ✓ Process Improvement Experts
- ✓ Lean Six Sigma Green Belts

What's included

- ✓ All accompanying course material
- ✓ ILX administered Lean Six Sigma for Services Black Belt examination
- ✓ Assessment by the ILX Group Lean Six Sigma expert of Project work, which is mandatory to obtain the ILX Lean Six Sigma for Services Black Belt Certification
- ✓ Refreshments will also be provided throughout the duration of the training

Duration

Five days

Pre-requisites

The ILX Lean Six Sigma for Services Green Belt certification

Scheduled Dates & Prices

See our latest public schedule for dates, venues and prices at www.ilxgroup.com.

Reservations & Information

To reserve your place on this course, or to find out more about in-house courses, please contact your local training advisor or email contactus@ilxgroup.com for further assistance.

COURSE CONTENT

- ✓ Lean Six Sigma methods (reminder)
- ✓ Define:
 - Lean Six Sigma Programme & Project Management
 - Probability theory
- ✓ Measure:
 - Measurement information model (reminder)
 - Measurement System Analysis/Gage R&R/Attribute Agreement Analysis
- ✓ Analyse: Advanced Data Analysis (e.g. Regression Models, non-parametric tests)
- ✓ Improve: Design of Experiments
- ✓ Control: Advanced Statistical Process Control
- ✓ Lean Six Sigma & Change Management
- ✓ Coaching & facilitation techniques
- ✓ Teaching Lean Six Sigma
- ✓ Lean Six Sigma for Services – Delegates Project work

ABOUT ILX GROUP (ILX)



ILX Group is a global all-in-one provider of Best Practice Learning Solutions. ILX delivers Portfolio Programme & Project Management, IT Service Management, Risk Management and Business Financial Literacy learning solutions. The Best Practice courses are delivered through a blend of classroom, workshops, e-learning and mobile platforms.

ILX is a market leader in PRINCE2 training and has provided Best Practice learning to more than 250,000 people across 5,000 organisations in over 100 countries. ILX works closely with its clients to deliver industry standard qualifications and helps organisations to deliver continuous workforce improvement. The company and its multi-lingual trainers can support customers around the world with local offices also in the UK, Middle East, India, Australia and New Zealand.

For further information visit www.ilxgroup.com or follow us on Twitter twitter.com/ilxgroup, Facebook facebook.com/ILXGroup, or LinkedIn linkedin.com/company/ilx-group-plc.

1st

*Leading provider of Project,
Portfolio & Programme
Management Consulting & Training*

+28

*Years
of
Experience*

+96%

*Customer
Satisfaction*

5,000

*Worldwide
Corporate
Clients*