

Lean Six Sigma Black Belt

10 DAYS (2X5 DAYS, THREE TO FOUR WEEKS APART)

Intensive program equipping participants to deal with high return, high risk, complex organisational issues using sophisticated analysis, solution development and change management techniques.

Purpose

To remain a leader in their industry, high performing organisations sustain efforts to improve their key value streams, helping them realise their organisational strategy. Such organisations develop high level capability and skills to deliver strategic change. The Black Belt Program is designed to address this need. Lean Six Sigma Black Belt Project Managers are equipped to deliver complex improvement projects across an organisation's business groups. Project Managers will be able to draw on sophisticated business analysis tools, creative solution development techniques, effective facilitation approaches, and business improvement governance models learned through the Lean Six Sigma Black Belt program.

Who Should Attend

- Improvement Project Managers with responsibility for complex improvement projects
- Senior Managers with a responsibility for leading improvement programs in an organisation or business unit

Duration & Outline

Duration: 2 x 5 five days, four weeks apart, but can be tailored to suit specific needs of the organisation. These two further stages in the Black Belt program assume that knowledge and skills from Stage one (Green Belt) are well developed. A number of related streams of learning are addressed over the 2 weeks covering : Organisational Analysis and Project Selection, Advanced Facilitation and Communication Techniques, Advanced Measurement Planning and Evaluation, Control Chart Construction and Capability Analyses, Planned Experimentation - from One Factor to Fractional Factorial Designs & Advanced Concepts, Creative Solution Development Techniques and Change Management Approaches, and finally Design for Six Sigma models and methods.*

The program is intense and highly experiential. Participants have numerous opportunities to work through each element in small groups, which are each coached by an expert Black Belt Facilitator. This builds high competency and high confidence. Minitab and Quality Companion are used as vehicles for learning where appropriate. Temporary licences are provided.

Course Objectives

The Black Belt program (stages 2 & 3) aims to equip individuals with the knowledge and skills to:

- Lead complex projects requiring coordination across various groups
- Help identify organisational changes required to maintain or accelerate peak performance
- Facilitate the implementation of improvements by using advanced tools and techniques
- Develop and lead teams of people to carry out the identified changes
- Program manage a number of similarly directed improvement initiatives
- Lead a Lean Six Sigma program for an organisation or business unit
- Act as mentors for Green Belt Project Managers.

Note: More detailed objectives for each stage reflecting learning in content areas above* are available

Pricing

For tailoring a program that suits your needs, please:

- Call: **0401 993 081** or **0412 259 060**
- E-mail: **info@lssbei.com**

For additional course information please see our website: www.lssbei.com

Lean Six Sigma Program Structure

FLOW OF LEAN SIX SIGMA TRAINING AND CONSULTING SERVICES

Foundations

Duration: 1 Day

Provides "a taste", a foundational - hands on experience of the basic principles and common tools for organisational improvement.

Kaizen | Rapid Improvement

Duration: 2 Days

Practical workshop for leading less complex improvement projects in a time-efficient manner focusing on the lean methodology and tool set.

Leading For Improvement

Duration: 2 Days

Practical program for senior leadership to link improvement to strategy, assess key leadership practices that sustain organisational improvement programs and plan improvement initiatives and capability development

Black Belt | Stage 1

Green Belt

Duration: 5 Days

Prior Learning: Foundations / Kaizen / Leading

Equips participants to confidently lead moderately complex improvement projects using the core Lean Six Sigma Methodology and Tools.

Black Belt | Stage 2

Duration: 5 Days

Prior Learning: Black Belt Stage 1

Equips project managers to lead complex improvement programs across an organisation

Black Belt | Stage 3

Duration: 5 Days

Prior Learning: Black Belt Stage 2

Equips project managers to lead complex improvement programs across an organisation

Green Belt | Certification

Duration: 3 - 12 months

Prior Learning: Green Belt

Assessment and Coaching whilst leading a real, moderately complex improvement project that delivers measurable improvement. Certification awarded upon successful demonstration of competencies.

Black Belt | Certification

Duration: 3 - 12 months

Prior Learning: Black Belt Stage 2

Assessment and Coaching whilst leading a real, moderately complex improvement project that delivers measurable improvement. Certification awarded upon successful demonstration of competencies.

Black Belt | Master

Duration: 5 Days

Prior Learning: Black Belt Stage 2

Coaching and Action Learning process demonstrating engagement and coaching of Senior Leadership, use of strategic tools and broader business assessment, Improvement Program Management and impact on organisation

Lean Six Sigma Consulting Services

- Critical Process Assessments to Identify Improvement Opportunities
- Excellence Framework Assessment of Approach to Organisational Improvement
- Consulting on Projects or Programs - Planning, Statistical Analyses, Coaching etc
- Coaching Sponsors on Governance Responsibilities - Project and Program reviews
- Facilitating Rapid Improvement or Kaizen Workshops
- Provision of Black Belts to Support Organisational Improvement Projects
- Developing Internal Coaching and Project Assessment Capability
- Consultation on Use of Advanced Analysis Techniques
- Facilitation of Innovation and Design Of Experiments in Developing Solutions



> UNDERSTAND. CHANGE. IMPROVE.