

Lean Six Sigma Training & Development

Accredited courses

Delivering practical Lean Six Sigma (LSS) training and coaching that yields real benefits to your organisation.

COACHING AND CERTIFICATION

YELLOW BELT

An awareness training that puts LSS into a business context and provides the key tools to allow your teams to start to make incremental change happen.

GREEN BELT

Basic LSS training that focuses on delivering mid to large scale improvements into your organisation, using the LSS toolset.

This course, coupled with optional, on-going coaching is designed to get your staff accredited as Certified Green Belts within 9 months of completing the course.

GREEN TO BLACK BELT

Advanced LSS training that facilitates the implementation of complex improvements, which can yield significant bottom line benefits.

This course is designed for people who have already been trained at GB level and have delivered at least one project. This course will provide the appropriate level of knowledge necessary to allow them to operate at BB level.

Certification is also available for delegates attending this course.

BLACK BELT

Advanced LSS training that facilitates the implementation of complex improvements, which can yield significant bottom line benefits.

As well as exploring some statistics, a key element of the training is in preparing your change agents to be able to help others to work on LSS projects. This is done by exploring knowledge transfer and coaching techniques.

There is also an option for on-going coaching and mentoring that looks to get your candidates accredited as Certified Black Belts after ~12 months.

MASTER BLACK BELT

A personal development programme for experienced LSS Black Belts that develops them into Internal Consultants who can provide direction, coaching and training to the wider organisation.

Only the top 1% of your LSS Black Belts are usually of the calibre to be considered as potential Master Black Belts. Our MBB development programme looks to help identify those with that potential and to develop their capabilities and provide training where gaps exist.

This ultimate step on the LSS journey takes commitment from the individual and their organisation alike, but the benefits make it worth it.

WHAT IS OUR LEAN SIX SIGMA APPROACH

Based upon the key aspects of Lean and Six Sigma, our LSS approach is based upon practical training – delivered by experienced staff who have actually worked as Operational LSS practitioners - and supplemented by a coaching programme, that facilitates the development of your staff into competent continuous improvement practitioners with the abilities necessary to deliver benefits to your organisation.

Yellow Belt

Lean Six Sigma

Lean Six Sigma Yellow Belt awareness training that equips your teams with the tools to make change happen.

PROGRAMME

Starting the Lean Six Sigma journey requires a first step. Our Lean Six Sigma Yellow Belt course provides the awareness for your staff to make that first step.

We introduce both Lean and Six Sigma and how together, they form a great continuous improvement methodology that can yield tangible improvements to your bottom line.

Our **2 day course**, focussing on the practical application of Lean Six Sigma, provides practical insights into how processes can be analysed, wastes identified and process flows measured.

Using key aspects of the Lean Six Sigma toolset and how they are applied, your team members will leave the course provided with what they need to be able to deliver their first projects.

TOPICS COVERED

- Introduction to LSS
- Process Mapping and basic value stream analysis
- Waste analysis
- Visual management & 5S
- Voice of the customer
- Rapid improvement/Kaizen

WHO SHOULD ATTEND?

- Anyone who needs/desires to learn more about LSS
- Team members embarking on a business improvement journey.

BENEFITS TO YOUR ORGANISATION

- Awareness training, coupled with skills, tools and techniques from the Lean Six Sigma (LSS) toolset
- The knowledge to deploy LSS on small 'first step' rapid improvement projects
- Optional structured support from us at every stage to ensure sustainability of improvements
- Fast positive impact on your business and/or your processes that generates results, belief and momentum for your LSS Programme

PRICE & BOOKING

E-mail us at RNC.Info@RNConsulting.co.uk

£1,000 + VAT per person

Green Belt

Lean Six Sigma

Lean Six Sigma Green Belt training that equips your team with the tools to make change happen.

PROGRAMME

This **5 day course** builds upon our Lean Six Sigma Yellow Belt course and discusses, in more depth, the LSS subject.

Having introduced the synergies of both Lean and Six Sigma, we explore variation and in basic terms what normal data, gathered from a process or service, looks like. We then use this information to look at capability and what this means for you and your customer and other significant stakeholders.

With an emphasis on listening to the Voice of the Customer (VOC) to understand their critical requirements and through the use of real situation case studies, we look at how the DMAIC framework can be used to ensure that problems are well articulated and logically solved, with the benefits sustained over time.

Our training also covers a number of 'classic' Lean areas, and includes study of pull vs push, line and cell balancing and via value stream mapping, at a number of levels, looks at delivering a process or service that flows and delivers the requirements of your customers.

TOPICS COVERED

- Introduction to LSS
- Process mapping and basic value stream analysis
- Waste analysis
- Visual management & 5S
- Voice of the customer
- Rapid improvement/Kaizen
- Stakeholder engagement
- Communication
- Project management
- Basic team building
- Data collection and analysis

WHO SHOULD ATTEND?

Team members embarking on a business improvement journey.

BENEFITS TO YOUR ORGANISATION

- Solid, proven, practical training, coupled with the exploration of skills, tools and techniques from the LSS toolset
- Staff with an ability to deploy LSS on small to medium projects, where the solutions are not immediately known
- Optional structured support from us at every stage to ensure sustainability of improvements
- Accredited Certification via the British Quality Foundation

PRICE & BOOKING

E-mail us at RNC.Info@RNConsulting.co.uk

£1,600 + VAT per person

Green to Black Belt

Lean Six Sigma

Lean Six Sigma Green Belt to Black Belt training that grows your Lean Six Sigma capability.

PROGRAMME

Our Green Belt to Black Belt Conversion **10 day course** – held over 2 modules – provides training to enable delegates to run complex Lean Sigma projects that will deliver practical, demonstrable benefits to your organisation.

The course makes significant use of statistics to analyse the Voice of the Process and to identify where variation is affecting your customer(s).

Through the use of hypothesis testing, you will be provided with the tools to be able to show if improvements to processes or services can be confidently declared.

Then, via tools such as Standard Work, 5S and Control Charts, we ensure that the gains your project teams make can be sustained over time.

Within this course, there is a significant portion dedicated to understanding the use of statistics within a LSS project. To facilitate the analysis of data and to produce solid statistical decision making process, we recommend the use of Minitab, a comprehensive statistical analysis software package. At the end of the course, there is a multiple-choice, open-book exam. The pass mark for this exam is 80%.

TOPICS COVERED

- Learning and listening styles
- Process mapping and basic value stream analysis
- Basic and advanced statistics
- Visual management & 5S
- Hypothesis testing and ANOVA
- Design of experiments
- Introduction to Minitab
- Sampling theory and practice
- Waste analysis
- Confidence intervals
- Graphical and summary statistics

WHO SHOULD ATTEND?

- Anyone who has previously been trained at Green Belt Level and who is looking to complement this knowledge to achieve Black Belt status
- Team members embarking on a business improvement.

BENEFITS TO YOUR ORGANISATION

- Solid, proven, practical training, coupled with the exploration of skills, tools and techniques from the LSS toolset
- Builds upon the knowledge gained in earlier training courses and from practical application of the tools in projects
- Optional structured support from us at every stage to ensure sustainability of improvements
- Accredited Certification via the British Quality Foundation

PRICE & BOOKING

E-mail us at RNC.Info@RNConsulting.co.uk

£2,800 + VAT per person

Black Belt

Lean Six Sigma

Lean Six Sigma Black Belt training that equips your team with the tools to make significant, sustained change happen.

PROGRAMME

This course builds upon our Lean Six Sigma Yellow and Green Belt courses and explores, in more depth, the Lean Six Sigma subject.

Aimed at graduates of a recognised Green Belt course, our Lean Six Sigma Black Belt course makes significant use of statistics to analyse the Voice of the Process and to identify where variation is affecting your customer(s).

Through the use of hypothesis testing, we provide your staff with the tools to be able to show if improvements to processes or services can be confidently declared.

Then via implementing tools such as Standard Work, 5S and Control Charts, we ensure that the gains your project teams make can be sustained over time.

BENEFITS TO YOUR ORGANISATION

- Develop Lean Six Sigma Black Belts who can produce sustained benefits to your core processes
- Realise the true transformational capability of Lean Six Sigma
- Highlight a potential career path to those exceptional Black Belts
- Have people who will use data, not rumours to implement improvements

TOPICS COVERED

- Introduction to LSS
- Basic, graphical and summary statistics
- Value stream analysis
- Waste analysis
- Visual management & 5S
- Design of experiments
- Rapid improvement/Kaizen
- Stakeholder management and VOC
- Communication planning and delivery
- Project management
- Team building and management
- Data collection and analysis
- Hypothesis testing
- Learning and listening styles
- Presentation and influencing skills
- Solution evaluation and selection
- Failure mode and effects analysis
- Analysis of variation

WHO SHOULD ATTEND?

Existing Green Belts looking to upgrade their skills and capability.

PRICE & BOOKING

E-mail us at RNC.Info@RNConsulting.co.uk

£5,000 + VAT per person

Master Black Belt

Lean Six sigma

Developing your own internal Lean Six Sigma Leadership capability.

PROGRAMME

The development of a LSS Master Black Belt is less about training and much more about coaching them through their development.

Our approach to developing a Master Black Belt (MBB) is based upon assessing if the candidate has a true mastery of the Lean Six Sigma subject.

The MBB must demonstrate their mastery through mentoring and coaching Green and Black Belts in their project work and via providing appropriate training for these people and for the wider organisation.

In the role of Master Black Belt, candidates will operate with the most senior members of the organisation and as such, must display confidence, competence and an ability to see the 'big picture'. They must be able to provide a statistical analysis service, that does not pre-judge, but allows the 'data to speak'.

Our MBB approach is based around the following elements and is designed to be tailored subject to the basic ability of the candidate and the needs of the organisation:

- 1:1 Coaching
- Detailed understanding of Lean Six Sigma tools and techniques
- Feedback from those that the candidate coaches and trains
- Completion of an assessment of the candidates own current competency assessment and the creation of a Personal Development Plan to close any gaps in their knowledge and understanding.

TOPICS COVERED

- Stakeholder management and VOC
- Communication planning and delivery
- Project management
- Team building and management
- Advanced statistics
- Learning and listening styles
- Presentation and influencing skills
- Solution evaluation and selection
- Coaching and mentoring
- Developing a winning style

WHO SHOULD ATTEND?

Your top 1% of Certified Black Belts, with a proven track record of implementing great projects.

BENEFITS TO YOUR ORGANISATION

- Development of internal leadership capability for your Lean Six Sigma programme
- A highly skilled coaching and mentoring resource to support & develop your Green and Black Belt teams
- A subject matter expert who can guide the senior management team in their improvement efforts
- Accredited Certification via the British Quality Foundation

PRICE & BOOKING

E-mail us at RNC.Info@RNConsulting.co.uk to enquire about price.