

# Master Black Belt Training

Operational Excellence Training

## Course overview

Lean Six Sigma Master Black Belt training is designed for those seeking a more consultative role in Lean Six Sigma projects and to drive change within their organisation. It is a mark of career excellence and aimed at individuals who possess exceptional expertise and knowledge of current industry practice. We train and coach only the finest and most accomplished prospective Master Black Belt delegates to ensure those that certify are up to the challenge.

Not all applicants will be given a place on the course. In order to attend this course, you must have previously taken training to Black Belt level and have a portfolio of successful improvement project work that spans a minimum of two years. This project work must showcase your leadership, influencing and change management skills.

Master Black Belt training can only be delivered in a classroom setting, so if you wish to become a Master Black Belt you must attend an open course or book an in-house session. This course is intensive and so we ask you to ensure you are able to fully commit to immersing yourself in the training.

## Did you know?

The average Master Black Belt will earn a company a minimum of seven times the cost of training in the first project they complete.

A certified Lean Six Sigma Master Black Belt can expect an average salary of £70,000. The top 10% earn more than £100,000.



100% Effective's Master Black Belt training has an average customer satisfaction rating of 5 out of 5.

[Figures true of March 2016]

100% Effective

## Key Points



Free online Black Belt



Lifetime support



250 CPD Points

## Included



Three hours' one-to-one coaching



WiFi



Lunch and refreshments



Free 30-day Minitab trial for first time delegates

# Master Black Belt Training

You'll need:



A laptop computer and a calculator



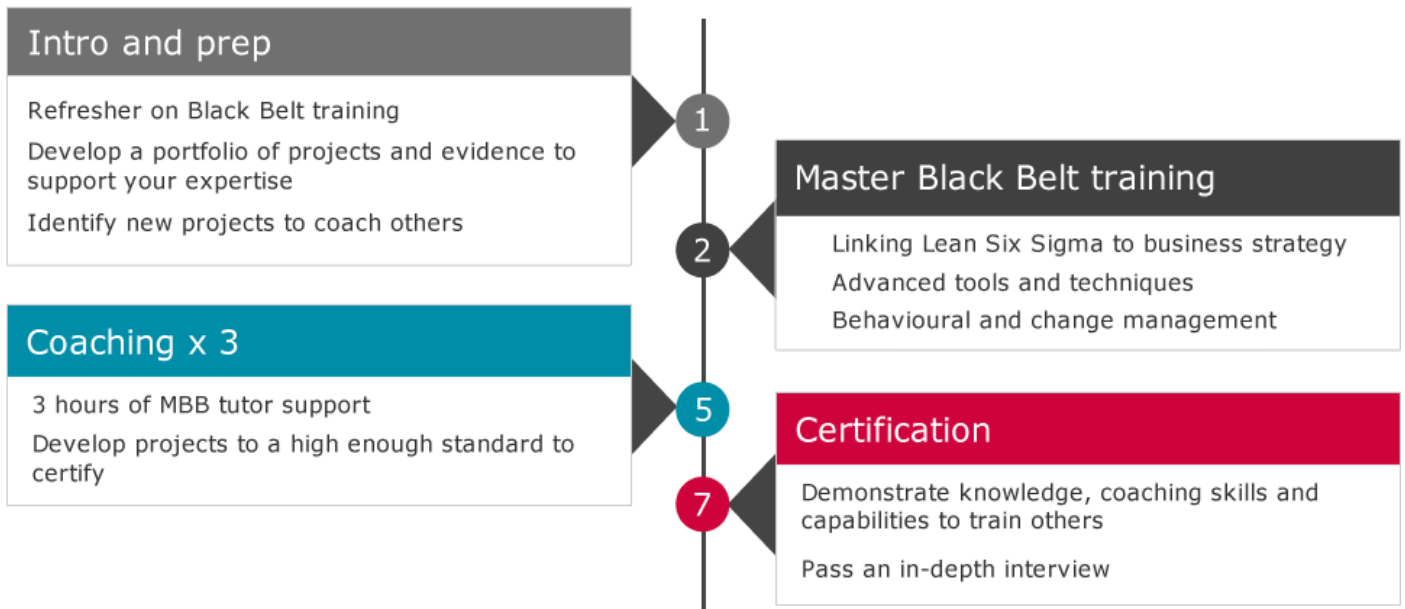
Minitab is a Windows-based software so it is incompatible with Mac laptops

## Course content

The most effective Lean Six Sigma Black Belts combine their technical ability with strong interpersonal skills. This training covers the DMAIC framework but also provides the soft skills necessary to engage with people.

The blended approach we use in the Master Black Belt training is proven to be more effective than traditional methods, while remaining enjoyable and rewarding.

The course follows this structure:



Duration of the course depends on the chosen study method

For more details call 0800 066 3749 or visit [100pceffective.com](http://100pceffective.com) for a live chat

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## What you'll learn

The Lean Six Sigma Master Black Belt training course uses every learning style to ensure delegates learn everything they need to be effective in their roles.

The training covers the skills you'll need to succeed, which include:

### Lean Six Sigma champion and leadership

- Linking strategy to Lean Six Sigma
- Deployment models for manufacturing and service
- Portfolio Management: how to select the best projects and ensure success
- Financial justifications
- Design for Six Sigma, DMADV methodology

### Advanced Tools

- Review and understand key Black Belt tools
- Advanced use of Minitab 17
- Advanced Voice of the Customer – Surveys
- Simulations using various approaches – Crystal ball
- Forecasting and queuing theory
- Advanced Statistics
  - Multivariate tolerance
  - Taguchi Loss Function/Cpm
  - Fractional Factorial Design
  - Residuals
  - Moods Median Test
  - Sign test
  - Kruskal-Wallace
  - Freidman
  - T-Sqr Chart
  - Using best fit model
  - LRT p-value
- Financial monitoring, measurement and analysis

### Behavioural and Change Management

- Company diagnostics to identify possible projects
- Advanced coaching skills
- Advanced influencing skills
- NLP
- Championing Lean Six Sigma – motivational presenting
- Advanced communications skills
- Detailed change management skills

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## Delegate Feedback

"I am impressed with the course and the Master Black Belt. I would definitely recommend 100% Effective."

"A realistic and practical approach to learning at a high level, and the support was impressive. I feel confident that I can use everything I've learned in the real world."

"I came to 100% Effective for my Black Belt and was impressed with their expertise, so it was a natural choice to come back for my Master Black Belt training. And I'm glad I did."

## Training objectives

After your training, you should engage with your Master Black Belt to ensure your portfolio and project work is at the standard to qualify for certification.

Following the course, you'll be able to:

- Develop and deploy Business Improvement programmes
- Facilitate strategic planning discussions to identify issues in a business
- Deliver Lean Six Sigma training courses up to Black Belt level
- Coach and mentor Lean Six Sigma delegates up to Black Belt level
- Act as a change agent for any company
- Have confidence in your consultancy and leadership skills
- Influence effectively, engage stakeholders and use your emotional intelligence and change management skills

Following the training you will receive 250 CPD points and will be certified as a competent and effective Master Black Belt.

In order to certify you will need to demonstrate your exceptional knowledge throughout the training session and exam. You'll also need to illustrate that you have successfully coached Green and Black Belts and trained others in Lean Six Sigma methods.

## What's in it for me?

Master Black Belts are recognised in Lean Six Sigma organisations for their exceptional talents and ability to run multiple, complex and strategically important improvement projects. They also act as trainers, coaches and mentors to Yellow, Green and Black Belts.

The high salary that Master Black Belts can achieve reflects the high demands placed on their shoulders and the expectations employers have. The financial and soft benefits from effective process improvement can be staggering, and as Master Black Belts often run these programmes, businesses need to be sure they're employing the right person.

For more help and guidance on the right training course for you, just get in touch.

**100% Effective**

0800 066 3749

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