

Intensive Black Belt Training

Operational Excellence Training

Course overview

Our Lean Six Sigma Intensive Black Belt course is both a time- and cost-effective way to qualify as a Black Belt. You will receive the same high-quality and in-depth training as with our Black Belt course but in less than half the time. In order to provide the training in such a condensed time frame, the course has a five-delegate maximum and training begins even before entering the classroom and. Attendees are required to complete an array of eLearning prior to the training days to ensure they have the necessary level of knowledge to get the most out of their learning.

Over a few intensive days, one of our experienced Master Black Belts will teach you the tools and techniques to confidently lead a successful Lean Six Sigma project. Your trainer will employ a blended approach, using a range of teaching methods to accommodate all styles of learning and achieve the best learning outcomes for all students. The intensity of the course continues beyond classroom hours, as students are required to complete tasks and project work for the following session.

Designed for time-poor managers, directors and consultants, this rigorous course is stimulating and demanding. It is aimed at professionals at owner, director or senior management levels who need to fast-track their certification and will champion Lean Six Sigma in their business.

Did you know?

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

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



100% Effective's Intensive Black Belt training has an average customer satisfaction rating of 4.9 out of 5.

[Figures true of March 2016]

100% Effective

Key Points



Free online Black Belt



Lifetime support



170 CPD Points

Included



WiFi



Lunch and refreshments



Free 30-day Minitab trial for first time delegates

Intensive Black Belt Training

You'll need:



A laptop computer and a calculator

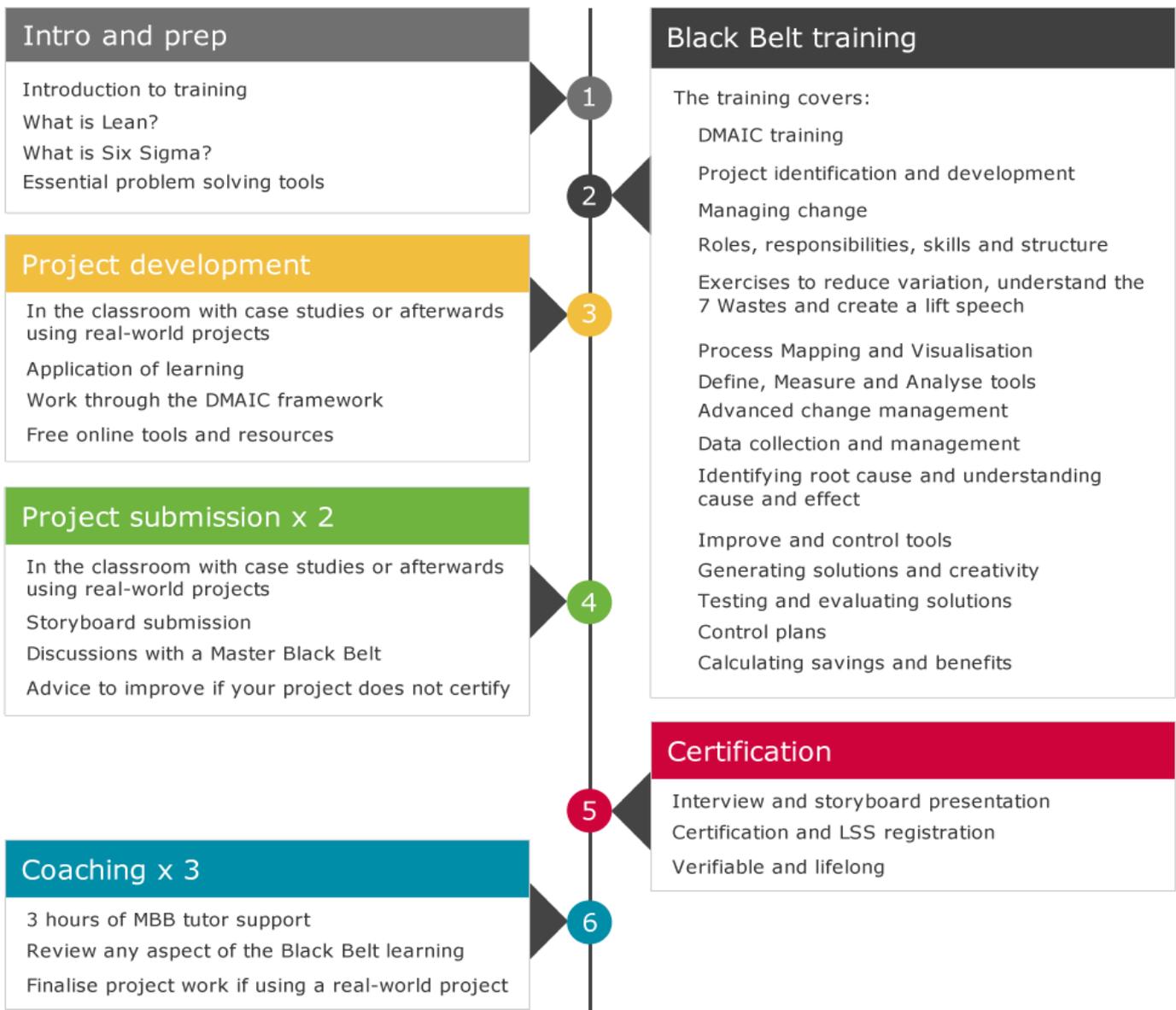


Minitab is Windows-based software so it is incompatible with Mac laptops

Course content

This executive-level Lean Six Sigma Intensive Black Belt course is highly intensive and includes online pre-work, rigorous training days, evening work on case studies, and one-to-one coaching.

Only by demanding so much of our delegates can we fast-track this internationally recognised qualification in Lean Six Sigma. The course structure is as follows:



Duration of the course depends on the chosen study method

For more details call 0800 066 3749 or visit 100pceffective.com for a live chat

Intensive Black Belt Training

What you'll learn

The Intensive Management Black Belt covers a lot of ground in just a few days. The sessions are intensive, with delegates working on their projects ahead of certification at the end of the week.

Introduction and key aspects

- Why deploy Lean Six Sigma in a business?
- What is Lean Six Sigma and what is DMAIC?
- What are the key benefits of Lean Six Sigma and how to sell them to others?
- How to deploy Lean Six Sigma in a business successfully
- Project section process
- How to run successful projects
- Common issues with Lean Six Sigma and how to overcome them
- Influencing others to utilise Lean Six Sigma

Define

- Problem statements followed by exercise
- In/Out of Scope followed by exercise
- SMART goals followed by exercise
- SIPOC followed by exercise
- Team Creation, RACI and communications planning followed by exercise
- Voice of the customer/CTQs followed by exercise
- QFD followed by exercise
- Stakeholder analysis followed by exercise
- Project Planning,
- Risk Assessment and FMEA with exercise

Measure

- Process Mapping and Value Stream mapping followed by exercise
- Data collection planning
- Measurement systems analysis and Gauge R&R followed by exercise
- Sampling
- Process capability
- Control charts

Analyse

- Cause and Effect diagrams in Minitab with exercise
- Data analysis – Pareto charts, run charts, frequency charts etc
- Distributions
- Hypothesis testing
- T tests

- F tests
- ANOVA
- Chi squared
- Design of Experiments with exercises
- Regression and correlation

Improve

- Generating solutions and creativity with exercise
- 5S and visual management
- Little's law
- Takt time
- Kanban and Flow (Push v Pull)
- TPM & OEE
- SMED
- Poka Yoke
- Kaizen
- Reducing complexity
- Standardisation
- Evaluating and selecting solutions
- Pilot testing
- Identifying solutions
- Presenting final solutions set up for final day presentations

Control

- Control plans
- Saving calculation – Cost of non-quality
- Project close out/handovers

As well as the standard Lean Six Sigma teachings, the course also covers the soft skills necessary to be an effective and persuasive Black Belt. This includes:

Soft Skills

- Influencing skills required in successful Black Belts
- Introduction to NLP
- Belbin and Team working
- Moments of Truth
- Confidence intervals
- During the course you will be expected to apply the lessons during the day to projectwork in the evenings, so that you can pass the exam and certify by the end of the week.

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Training objectives

Delegate Feedback

"I really enjoyed the course and I thought the material was excellent; comprehensive, explained in simple terms and very good value for money."

"Opens up your eyes to see the potential improvements you can make to your company."

"I wish I had known about Lean Six Sigma years ago, it would have helped our company enormously."

At the end of the Lean Six Sigma Intensive Black Belt training course you will be able to:

- Improve a business and processes using DMAIC and Lean Six Sigma across any function
- Apply Lean Six Sigma principles, tools and techniques and explain the concepts to others
- Lead Lean Six Sigma improvement teams to solve complex multi-functional problems
- Understand and implement change in a business
- Apply and understand the Voice of the Customer in all areas of business
- Collect and analyse data properly ensuring you make correct decisions
- Use data to find the root causes of problems
- Develop and implement solutions and ensure problems are solved permanently saving time, effort and money using advanced Lean Six Sigma methodologies
- Certify as a Lean Six Sigma Black Belt which can open the way for further professional and career development
- Act as a Lean Six Sigma ambassador for any business

Certification is achieved upon completion of the Black Belt training, an open book online exam and the successful submission of two projects.

What's in it for me?

After completing the course, you will receive one year's free online Black Belt training and three one-to-one follow-up coaching sessions as well as unlimited email support from your Master Black Belt. Your certificate will be recognised worldwide and affords you 170 CPD points.

The 100% Effective best practice approach to certification detailed above is more than enough to be considered certified by future employers. However, 100% Effective delegates who have completed training with us could comfortably pass the IASSC, BQF and ASQ exams if they wish to get their qualification endorsed by a third-party certification body. As 100% Effective is an accredited IASSC Training Provider™, we can arrange for you to sit the IASSC exam in order to have your qualification accredited by IASSC.

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

100% Effective

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