

# Black Belt Training Course

16 Days (4 Weeks) – Open Access Training - £5,950



Now  
INCLUDING  
MINITAB 15  
SOFTWARE

To maximise the **SUCCESS** of  
projects, tap into our **experience**

*The success of a business improvement process is dependant on the people involved. SigmaPro has trained many thousands of Black Belts, many of whom have achieved outstanding successes with their organisations. SigmaPro Black Belts tackle real problems and stay ahead of the competition.*

## What does a Black Belt do?

Black Belts **lead** the technical effort in Six Sigma implementations and **contribute** their detailed knowledge of tools and methods to the project's success. They **create** business improvement opportunities which can be cross functional, or even in partnership with other organisations. Black Belts are responsible for **achieving** and **leveraging** results throughout the organisations. They ensure the success is **shared** and made visible to peers and associates. Black Belts will **train**, **mentor** and **coach** Green Belts and other colleagues to ensure projects are successful.

## Who can become a Black Belt?

Black Belts should be outstanding individuals with a track record of success and the potential to quickly develop an understanding of the processes that are to be improved. They should be self-motivated and have the capacity to maximise their potential within an organisation. SigmaPro teaches the methods and tools to influence without authority, manage time and teams effectively and foster the enthusiasm to deliver breakthrough results.

## What does Lean Six Sigma mean?

Our Lean Six Sigma approach contains many elements from the lean approach, seamlessly integrated into the DMAIC course syllabus. This ensures that the correct tools to analyse, improve and manage your business improvement projects are always available.

## What is your training style?

Our Black Belt programme is a mix of up-front teaching, individual and group exercises. During the course you will actively practise the application of the tools, methods and software.

## What are the Black Belt Course Prices?

Our goal is to provide you with the skills and knowledge to identify, launch, manage and close business improvement projects. Our courses reflect our belief that excellent, comprehensive training and support is a prerequisite to ensuring your success as a Black Belt.

Black Belt Course Price Structure	
First Delegate	£5,950
Second Delegate	£5,390
Third and subsequent delegates	£4,950

Our Black Belt Programmes now include the powerful statistical software Minitab™ worth £750 in the course price.

## Which Software is used during the Course?

This course includes tuition on state of the art statistical and analytical software packages including Minitab™ 15, SigmaWorks™, and ProcessModel™. Trial versions of all software are provided during the training and full licenses can be purchased through SigmaPro.

## What are the Prerequisites?

Ideal Black Belt candidates possess good communication and leadership skills and have the capability to develop effective teams. Black Belts should be results oriented, strive for excellence and have a basic understanding of maths, as some of the tools include extensive statistical analysis.

## Course Trainers

Our trainers are all international Master Black Belts with extensive real world experience, having completed many real Six Sigma projects. They are all experts in their fields.

## Black Belt Certification

Upon successful completion of the training you will receive a certificate of training competence. Once you have completed two projects and passed a short exam. You may apply to become a **SigmaPro-Certified™** Black Belt. Please contact us for further information.

# Lean Black Belt– Content & Application

See [solutions](#) instead of problems

## Course Content

The Black Belt Course consists of over 60 modules, taught over 16 days of training, spread over four weeks. This allows you to apply what you have learnt to the project in your environment whilst being supported by one of SigmaPro’s Master Black Belts. All course materials are provided in a full colour hard back folder, with digital copy on CD for future reference.

Content Blocks	You will learn how to...
<b>Introduction to Structured Business Improvement</b>	...successfully identify, select, launch and execute improvement projects. ...analyse the <b>Voice of the Customer</b> to see what your customers really want. ...employ <b>key success drivers</b> to ensure your project succeeds.
<b>Measuring, Modelling &amp; Process Analysis</b>	...use <b>Value Stream Mapping</b> to identify improvement opportunities. ...ensure measurement data is <b>accurate</b> to pinpoint process weaknesses.
<b>People Selection &amp; Team Management</b>	...employ <b>change management</b> to overcome resistance to change. ...lead and motivate teams using <b>goal deployment</b> strategies.
<b>Advanced Data Analysis</b>	...use <b>hypothesis testing, correlation &amp; regression</b> to make the most out of collected data. ...test the impact of potential changes using <b>design of experiments</b> .
<b>Lean Tools</b>	... <b>eliminate waste</b> and speed up processes to help you save cost. ...introduce <b>Kaizen</b> to ensure your whole organisation is aiming at the same goal
<b>Software</b>	...analyse data easily with just a few mouse clicks using <b>Minitab™ 15</b> . ...effectively utilise leading software tools like <b>SigmaWorks™</b> & <b>ProcessModel™</b> .

## Get the full Course Curriculum

If you would like further information on the course or the full module list, please contact us at any time.

**Telephone** +44 (0) 1676 532 470

**Email** [sigmapro.uk@sigmapro.com](mailto:sigmapro.uk@sigmapro.com)

## What have other Black Belts achieved?

### FINANCIAL SERVICES

Using Lean Value Stream Mapping and Voice of Customer tools an insurance company reduced the cycle time of application forms from 104 days to 8 days. The resultant savings amounted to £1.5M per annum.

### MANUFACTURING

Detailed process and data analysis identified that the real problem for a manufacturing organisation with high warranty costs was located in a call centre rather than in manufacturing. The team of Black and Green Belts achieved savings for the organisation of over £1.2M per annum.

### HEALTHCARE SUPPLY CHAIN

A DMAIC project reduced customer complaints from 18% to 7% and ensured a £1m reduction in outstanding debt could be achieved in a well-known healthcare supplier. The project further achieved £800k in savings due to decreased process costs.

## What other Delegates say about the Course...

*“I have been fortunate enough to participate in SigmaPro’s Black Belt and Master Black Belt training courses. The instruction and materials are outstanding. SigmaPro consultants go the extra mile to assist you in your quest to understand the material and its applications. I would highly recommend these courses to anyone interested in developing an understanding of the Six Sigma methodology.”*

**Automotive Supplier Industry**

*“The course was both insightful and challenging and provoked a lot of thought around the tools of Six Sigma. The syllabus and mathematical content proved to be very helpful in understanding the rationale behind the various advanced methods of data analysis.”*

**Metal Processing Industry**

*“SigmaPro have worked with our organisation since day one of the implementation of Six Sigma. The entire staff have been exceptional in assessing our corporate needs, providing state of the art training balanced with real world experiences, all while making sure that a clear roadmap for success is laid out before us to follow. I highly recommend the services provided by SigmaPro. They are second to none.”*

**Service Industry**