

Lean Six Sigma Green Belt

12 Days (3 blocks) – Open Access Training



The most comprehensive Green Belt programme you'll find

Sustainable business improvement depends on people at all levels within the organisation understanding the why and how. Green Belts tackle improvement projects that lead to significant performance improvement within their organisations. SigmaPro has trained thousands of Green Belts across the world to tackle problems effectively. Many SigmaPro Green Belts have helped to run projects that lead to improved organisation performance.

Course purpose & aims

The programme enables students to become effective Lean Six Sigma Green Belts capable of running improvement projects within their own areas of responsibility. As a SigmaPro Lean Six Sigma Green Belt you will learn how to:

- ✓ Support the introduction of Lean Six Sigma into your organisation
- ✓ Tackle business improvement projects successfully
- ✓ Lead improvement teams and engage them in the improvement process
- ✓ Use proven tools and methods to achieve sustainable improvement
- ✓ Influence stakeholders to effectively manage the change process
- ✓ Ensure results are shared with peers and associates

Who is this course for?

Green Belts should possess the drive to deliver improvement projects within the organisation. They should possess the potential to quickly develop an understanding of the processes to be improved. As well as having good communication skills, Green Belts must have the capability to develop effective teams. They will be motivated and always strive for excellence.

The programme assumes no prior knowledge of Lean Six Sigma, but good technical skills are an advantage, as some of the tools include statistical analysis.

This rigorous programme is designed for anyone who has been tasked with delivering improvement projects within their areas, or those who need a detailed understanding of the key tools and methods involved in Lean Six Sigma.

“I found the course very useful & I expect to use the knowledge I've gained regularly in the future. In all I found the course and tutor exceeded my expectations”



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What does the programme cover?

The course consists of 40 modules, taught over 12 days in 3 blocks spread across 3 months (5, 3 & 4 days). It covers the Lean Six Sigma methodology and key tools in detail. Students are encouraged to apply what they learn to a live project within their own organisations during the training while being supported throughout the programme by one of SigmaPro's experienced international Master Black Belts. This approach enhances learning and ensures an early return on the training investment.

Programme includes:

Introduction to structured business improvement

- Explain the background and basic ideas behind the Lean and Six Sigma approaches
- Successfully identify, select, launch and execute improvement projects
- Understand the relationships between process and financial performance

Launching your project

- Use state of the art methods and tools to plan an improvement project
- Identify and manage organisation stakeholders during the project
- Analyse the Voice of the Customer to determine what customers really want

Measuring and modelling processes

- Ensure measurement data is valid to precisely pinpoint process weaknesses
- Use Value Stream Mapping to understand processes and identify improvement opportunities
- Decide project data required and plan out data collection
- Measure process performance and establish baseline capability

Data analysis and waste identification

- Identify waste in processes to drive efficiency improvements
- Decide when & how to take short term improvement actions
- Decide where to focus improvement effort for best results

Process improvement and optimisation

- Generate new ideas using a structured approach to creativity
- Utilise design of experiments to truly optimise a process
- Use pilots and trials to evaluate new ideas

Controlling and sustaining the gains

- Plan out a control strategy to sustain the gains
- Use structured methods to identify and reduce risk
- Employ change management techniques to overcome resistance

Software

- Analyse data easily with just a few mouse clicks using Minitab™ 16
- Effectively utilise leading software tools such as SigmaWorks™

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Course structure

The programme is a mix of classroom teaching, individual and group exercises, case studies and real world examples. Accelerated Learning approaches are extensively used to ensure rapid learning and maximum knowledge retention. During the course students actively practice the application of the tools and methods and use the software. Students are encouraged to share experiences from their own projects with the training group.

Some course tuition is on state-of-the-art statistical and analytical software packages including Minitab™ 16, and SigmaWorks™. Trial versions are provided during training and full licenses can be purchased through SigmaPro.

Green Belt certification

Upon successful course completion students will receive a certificate of training competence. After completion of a project and passing a short exam, students may apply to become a SigmaPro-Certified Green Belt™.

Benefits to the organisation

Manufacturing

- ✓ Single improvement project reducing scrap by over £500K per annum
- ✓ £1.2M operational savings per annum in manufacturing costs

Supply chain

- ✓ Overdue supplier debts reduced by £1.0M
- ✓ Purchasing savings of £300K

Service industry

- ✓ Recruitment times halved from 26 weeks down to 13 weeks
- ✓ Data supply time reduced and accuracy improved from 85% to 95%

Prices

First delegate - **£3,795 + VAT**

Second delegate - **£3,415 + VAT**

Third & subsequent delegates - **£3,035 + VAT**

“The course is brilliant! I am really pleased with the skills that I have learnt and cannot wait to develop them further”

“An excellent series of training sessions and excellent mentoring. All very relevant to the business”