



BSI Training Academy

Lean Six Sigma Combined Yellow and Foundation Green Belt – Structured Problem Solving and Continual Improvement training course

Essential information about the course

Level 

Lean Six Sigma is an organizational approach to continual improvement which focuses on removing activities or items from processes that add no value whilst minimizing the variability of key process outcomes.

If you are involved in problem solving then the first day of this course, Structured Problem Solving (Yellow Belt), will help you adopt an effective, recognized and structured approach. You will learn about the “eight step approach” and the seven basic tools of quality so you can confidently apply them in your organization. Days two to four, Lean Six Sigma Foundation Green Belt Continual Improvement, will provide you with the skills to be able to use continual improvement techniques to enhance levels of quality and efficiency within your organization. You will learn to apply the DMAIC approach, the methodology behind Lean Six Sigma.

Suitable for delegates from all levels of the organization and from organizations large or small in any sector, this course will help you to solve real business problems that deliver

improvement and results. This course is designed for those who want to adopt Lean and Six Sigma based continual improvement techniques to help their organization streamline activities, reduce waste and develop processes that consistently achieve or exceed customer targets and expectation. After this four day course you will be able to make step change improvements in quality and efficiency and this is an excellent starting point on the pathway towards being an ISO 18404 Certified Six Sigma Green Belt or Lean Practitioner.

This interactive four day course delivered by expert tutors is packed with practical workshops, group discussions and classroom learning. It uses our accelerated learning approach which increases learning by improving knowledge retention and skill application. The deeper understanding from this course will make sure you feel confident that you can apply the knowledge, and implement problem solving or continual improvement techniques as soon as you step back inside your organization.



Upon successful completion of your course, you'll receive an internationally recognized BSI certificate.



Lean Six Sigma Combined Yellow and Foundation Green Belt – Structured Problem Solving and Continual Improvement training course

Our course agenda

Day 1 aims, objectives and structure

- Welcome and introductions
- Course aims, objectives and structure
- Introduction to problem solving
- Eight step problem solving
 - Define the problem
 - Implement an interim action
 - Acquire and analyse data
 - Determine root cause
 - Evaluate possible solutions
- Action plan and implement
- Verify the results
- Standardize and future actions
- Seven Basic tools (throughout the above stages)
 - Time Series Plots (Control Charts)
 - Check sheets
 - Pareto charts
 - Cause and effect diagrams
- Scatter diagrams
- Histograms
- Flow charts
- Problem solving and management of quality and corrective action planning
- Close and final questions

Days 2-4 aims, objectives and structure

- The basics and principles of “Lean”
- “Plan, Do, Check, Act” problem solving
- Value added activities versus process waste
- Mapping the value stream
- Pull systems and process flow
- Workplace organization and visual management
- Error proofing
- The basics and principles of “Six Sigma (DMAIC)”
- DMAIC
 - Project scoping and definition (the Define phase)
 - Measurement and the use of data and statistics (the Measure phase)
 - Process understanding and root cause analysis (the Analyse phase)
 - Developing and implementing solutions (the Improve phase)
 - Process control and sustaining the gains (the Control phase)

Book today at

bsigroup.com/training

Lean Six Sigma Combined Yellow and Foundation Green Belt – Structured Problem Solving and Continual Improvement training course

We want to make sure you have the best learning experience possible. That's why we offer a range of training courses from beginner to expert. We create a positive learning environment so you retain the knowledge and acquire skills that will continue to be of use beyond the course.

Make sure this is the right course for you.

This course is for you if:

- You have already attended the Introduction to Lean Six Sigma (White Belt) training course
- You're leading or are part of a problem solving team and need to learn a structured approach
- You need to apply effective and structured continual improvement techniques and methodologies to improve quality and efficiency
- Your organization is adopting Lean Six Sigma as its chosen improvement methodology and you are leading/working in an improvement team
- You're helping to implement a Quality Management System such as ISO 9001 and want to gain knowledge on improvement techniques

What's the course like?

- Four days
- Led by a BSI expert tutor
- Relaxed and comfortable learning environment
- You'll receive comprehensive course materials to take away

How will I benefit?

- Problem solving - gain confidence in the use of the eight step methodology for organizational problem solving as well as be able to select and utilize correctly each of the seven basic tools
- Gain confidence explaining Lean Six Sigma frameworks for continual improvement
- Lead continual improvement teams through the DMAIC process
- Develop professionally
- Network with likeminded peers

Why invest in training from BSI?

Our tutors are the best in the business. They're truly passionate about sharing their knowledge and ensuring you learn. Trusted experts with years of hands-on and business experience, they bring the subject matter to life with relevant and contemporary examples to enhance learning.

Training delivered in-house only



Contact us for a customized quote
+44(0)1908 815 926

Talk to one of our experts to find out more

Next steps with the BSI Academy



Want to learn more? You may be interested in the next steps for Lean Six Sigma courses with our Six Sigma Route, Change Route or Lean route



BSI Group
Kitemark Court
Davy Avenue, Knowlhill
Milton Keynes, MK5 8PP

T: +44 (0)345 086 9000
E: training@bsigroup.com
bsigroup.com/training

Find out more.
Call: **+44 (0)345 086 9000**
Email: **training@bsigroup.com**
Or visit: **bsigroup.com/training**