

# Yellow Belt Training

## Operational Excellence Training

### Course overview

**Lean Six Sigma is a vital business methodology that leads to reduced costs and improved quality. Familiarity with the methodologies and processes is important for a range of roles, not just those with operational applications.**

**This Yellow Belt course will provide you with an understanding of Lean Six Sigma so you can work with colleagues to solve business problems using the key methodologies. Following successful completion of the course, you will be fully certified and will have the confidence to use the associated concepts and key tools.**

**This is a unique and practical Lean Six Sigma Yellow Belt course delivered through a combination of online study, classroom training and practical learning through projects and case studies, all supported by your own Master Black Belt. Upon completion of the course you will receive a CPD accredited Lean Six Sigma Yellow Belt Certificate.**

**This blended training approach is proven to pass on knowledge more effectively and provide a quicker return on investment for delegates.**

100% Effective

### Key Points



Free online Yellow Belt



Lifetime support



10 CPD Points

### Included



WiFi



Lunch and refreshments

### Did you know?

Yellow Belts assist in projects that have huge financial and cultural benefits on an organisation.

Individuals with Lean Six Sigma training are in high demand due to the positive impact they have on the organisations they work for.



100% Effective's Yellow Belt training has an average customer satisfaction rating of 4.7 out of 5.

[Figures true of March 2016]

# Yellow Belt Training

You'll need:



A laptop computer and a calculator



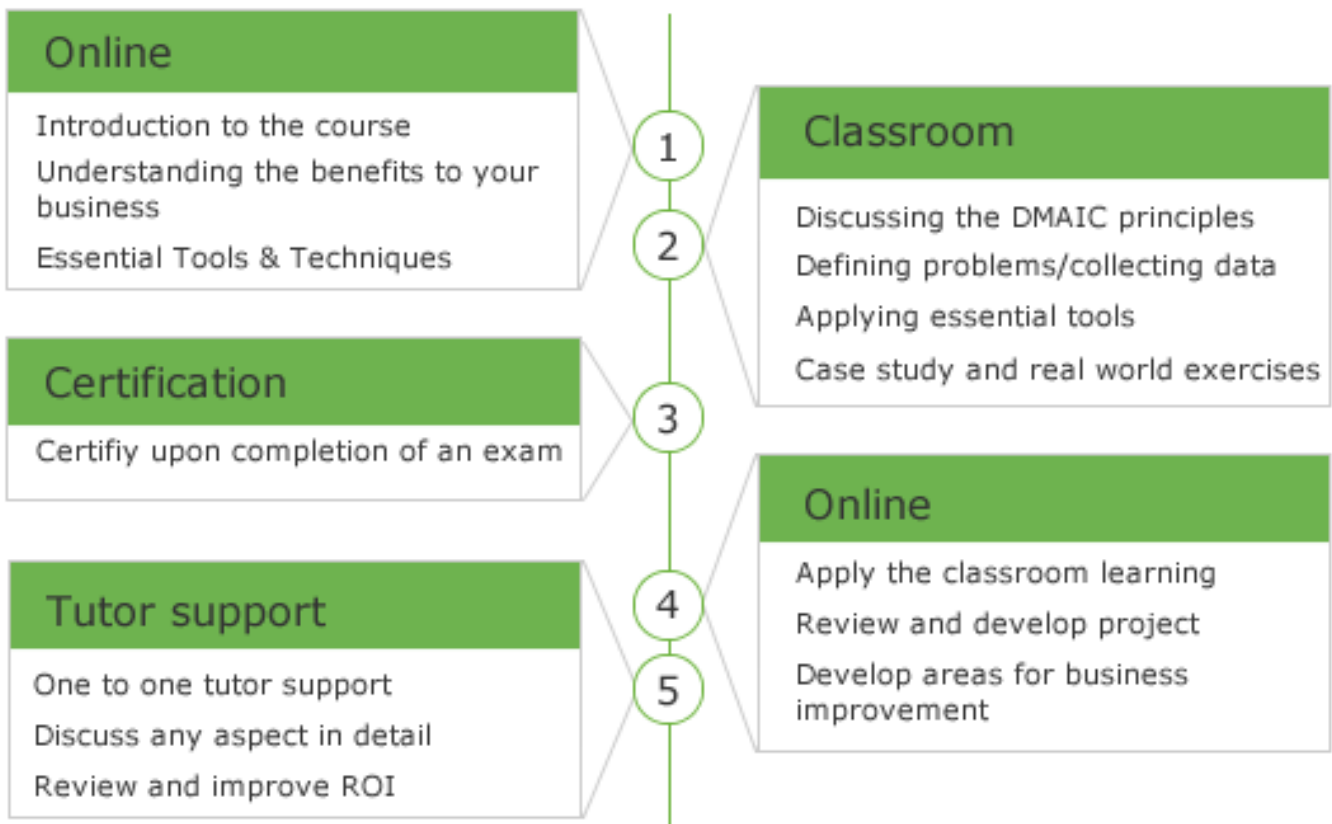
Minitab is a Windows-based software so it is incompatible with Mac laptops

## Course content

Our Yellow Belt course delivers the best in Lean Six Sigma training by utilising a fully immersive learning experience.

You will also receive access to all of the course material via our eLearning portal for a month following certification.

The course follows this structure:



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 Yellow Belt course provides an introduction to Lean and Six Sigma, how the two methodologies work together and an overview of the roles within Lean Six Sigma.

Delegates will also learn about the DMAIC process:

### Define

- Project Charters and Problem statements
- Sigma Logic
- In/Out of Scope
- SMART goals
- SIPOC followed
- Team Creation, RACI and communications planning
- Voice of the customer / CTQs followed
- Stakeholder analysis
- Project Planning, Risk Assessment and Project Launch

### Measure

- Types of data and basic stats
- Central Tendency, Variation and Tampering
- Graphical displays – Histograms, dot plots, box plots
- Introduction to Minitab
- Process Mapping
- Data collection planning
- Measurement systems analysis and Gauge R&R
- Sampling
- Process capability
- Control charts

### Analyse

- Brainstorming and Cause and Effect diagrams
- Data analysis – Pareto charts, run charts, frequency charts
- Confidence intervals
- Distributions
- Hypothesis testing
- Regression and correlation

### Improve

- Generating solutions and creativity
- 5S and visual management
- Lean Tool box - Takt time, Kanban and Flow (Push v Pull), TPM, SMED
- Poka Yoka
- Reducing complexity and Standardisation
- Evaluating and selection solutions
- Pilot testing
- Presenting final solutions

### Control

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

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## Delegate Feedback

"I am determined to take Lean Six Sigma to the next level. I am impressed with the course set up, it shows that I am dealing with professional people."

"Great course, easy to follow and understand without the need to request support. Would definitely recommend and come back for my Green Belt. Thank you!"

"A good approach to learning, and the support was impressive."

## Training objectives

Following completion of the Lean Six Sigma Yellow Belt Training Course, you will be able to:

- Explain Lean Six Sigma, DMAIC and essential problem solving skills to others
- Solve problems more effectively using the DMAIC approach
- Apply essential problem solving tools
- Understand the importance of data and how to collect it effectively
- Solve simple projects using Lean Six Sigma principles
- Assist Green and Black Belts when they are running a Lean Six Sigma project
- Understand Lean Six Sigma structures, terminology and what is required to be successful

Our Lean Six Sigma Yellow Belt is certified by CPD (internationally recognised), and will qualify you for 10 CPD points.

We follow the best practice certification process developed by companies such as GE and Motorola which aims to ensure you have understood Lean Six Sigma at Yellow Belt level and are confident in that knowledge.

## What's in it for me?

Those new to Lean Six Sigma will find this an essential introduction to the topic. The course is applicable to a wide range of positions including managers, consultants, change agents, project managers, team leaders, facilitators, team members, and anyone involved in Lean Six Sigma projects.

You will gain a clear understanding of the power of Business Improvement to increase efficiency, reduce costs, improve quality and heighten satisfaction for both customers and employees.

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

**100% Effective**

0800 066 3749

[www.100pceffective.com](http://www.100pceffective.com)



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