

Whyy?

Lean6

Lean & Six Sigma Course Information

**The mindset and techniques
to sustain change...**

Lean & Six Sigma



Lean & Six Sigma / Yellow Belt Certificate

Who? – For Continuous / Business / Process Improvement Executives, Technicians, Engineers who are interested in maximising customer satisfaction, reducing waste and improving efficiency within their business.

What? – The Yellow Belt Course is an introduction into business process improvement methodology which provides a framework to define, measure, analyse, improve, and control (DMAIC) your business challenges.

Why? – Open your eyes to what's possible, acquire a set of skills to solve problems, enhance your process performance and manage business transformation.

Duration – 2 days.

Benefits...

- Better understanding of how to implement business improvement using the DMAIC methodology.
- Introduces scientific thinking to your business practices.
- Give your team the tools to identify and remove waste and inefficiency.
- Learn your customers' needs at the heart of your business.
- Improve how to effectively communicate with all stakeholders.
- Continuously improve your business processes and standardization.
- Encourage innovation and forward thinking.

This YELLOW3 course will cover:

- Intro to Lean
- Key Lean Principles
- 8 Wastes
- 5S + 1S
- Problem Definition
- Process Mapping Analysis
- 5 Why's
- Graphical Analysis

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YELLOW

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Lean & Six Sigma / Green Belt Certificate

Who? – For Continuous / Business / Process Improvement Practitioners, Managers, Analysts who lead smaller projects and tackle reoccurring challenges and understand the tools and methodologies used for problem-solving.

What? – The Green Belt Course introduces you to the tools and techniques required to apply in depth analysis to problem solving and design sustainable countermeasures.

Gain practical knowledge on how to apply Six Sigma methodologies covering project management, statistical measurement systems and data analysis methods.

Why? – Obtain a broad set of problem-solving skills to drive customer satisfaction and bottom-line results. Gain the knowledge to lead projects in data collection and analysis.

Duration – 5 days.

Benefits...

- Empower your team to be project leaders.
- Improve your bottom line and revenue streams.
- Enable your staff to plan and take action.
- Be able Identify and mitigate the root cause of problems and not the symptoms.
- Reduce the cost of defects to your business.
- Develop the project management skills required to deliver your business objectives.
- Implement problem solving solutions to enhance your customer offering.
- Obtain the confidence to use data and challenge the status quo.

This GREEN4 course will cover:

Yellow Belt Plus +

- Process Capability & Performance
- Root Cause Analysis
- Measurement System Analysis
- Project & Change Management
- Data Analysis – SPC
- Basic Statistics & Measures
- Changeover reduction
- Process and Design FMEA

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GREEN

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Lean & Six Sigma / Black Belt Certificate

Who? – For Continuous / Business / Process Improvement Consultants, Managers, Experts who lead diverse teams in problem-solving projects and deploy improvement strategies for their business.

What? – The Black Belt Course is a highly sought-after qualification which looks at transforming project leaders into strategic management specialists through leadership development, continuous improvement deployment and Lean & Six Sigma methodologies.

Why? – Nurture the talent in your team to lead a transformational programme and change the mindset of senior business leaders.

Duration – 10 days.

Benefits...

- Enhance your project management skills to design and implement improvement programs.
- Upskill your in-house team in broad and deep technical expertise to deliver key strategic goals.
- Gain the confidence to make impactful changes to improve your businesses Return on Investment (ROI).
- Increase your customer satisfaction rates to provide a competitive advantage.
- Change your team's mindset to become more focused and data driven.
- Reduce quality issues across your organisation by aligning your business processes.
- Work effectively to improve the capability of your entire organisation.

This BLACK5 course will cover:

Green Belt Plus +

- Leading Improvement Team
- Programme Planning and Deployment
- Project Reviews & Coaching
- Experimentation & Optimisation
- Theory of Incentive Problem Solving (TRIZ)
- Sustainability & Control Plan
- Advanced Statistics & Measures
- Advanced Data Analysis

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BLACK

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Level 3 Improvement Technician Apprenticeship

The End Point Assessment (EPA) will take place once the apprentice has been learning with Why? for a minimum of 12 months and the purpose behind the EPA is to validate that the apprentice has developed the skills and behaviours and learnt the knowledge for their specific apprenticeship.

In a nutshell, think of Why? as the driving instructor and the EPA organisation as the independent driving examiner, they decide if the apprentice is competent to be let out into the big wide world to practise their new skills, not us.

The EPA for the Improvement Technician consists of 3 assessment methods:

1. A knowledge test (multiple choice and the bonus that it's open book!!)
2. A project presentation on an actual project that the apprentice has supported with Q&A
3. A professional discussion about how they have implemented their newfound skills and behaviours over the duration of their apprenticeship.

Value Added Apprenticeship Benefits...

- Gain a well-respected Lean6 Yellow Belt qualification alongside the apprenticeship.
- No additional fees! All course costs are included as standard.
- Our skilled practitioners will bring the training to life using practical exercises that can then be applied in the workplace.
- Occupational Competence will be independently assessed by the EPAO.



This YELLOW3+ course will cover the following knowledge skills and behaviours:

- Compliance
- Team Formation and Leadership
- Project and Change Management Tools
- Project Selection and Scoping
- Voice of the Customer
- Lean Tools
- Data Acquisition for Analysis
- Drive for Results
- Professionalism
- Safe Working

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Level 4 Improvement Practitioner Apprenticeship

The End Point Assessment (EPA) will take place once the apprentice has been learning with Why? for a minimum of 12 months.

In a nutshell, think of Why? as the driving instructor and the EPA organisation as the independent driving examiner, they decide if the apprentice is competent to be let out into the big wide world to practise their new skills, not us.

The EPA for the Improvement Practitioner consists of 3 assessment methods:

1. A knowledge test (multiple choice and the bonus that it's open book!!)
2. A project presentation on an actual project that the apprentice has implemented in your business with Q&A
3. A professional discussion about how they have applied their newfound skills and behaviours over the duration of their apprenticeship.

The idea of this assessment is for the apprentice to demonstrate their enthusiasm and passion to bring change to life in their business.

Value Added Apprenticeship Benefits...

- Gain a highly valuable Lean6 Green Belt qualification alongside the apprenticeship.
- No additional fees! All course costs are included as standard.
- Our skilled practitioners will bring the training to life using practical exercises that can then be applied in the workplace.
- Occupational Competence will be independently assessed by the EPAO.



This GREEN4+ course will cover the following knowledge skills and behaviours:

- Compliances
- Coaching
- Project and Change Management Frameworks
- Identification and Prioritisation Tools
- Experimentation and Optimisation
- Sustainability and Control
- Measurement System Analysis
- Communication Approaches and Tools
- Benchmarking
- Drive for Results
- Team-Working
- Continuous Development
- Safe Working

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Level 5 Improvement Specialist Apprenticeship

The End Point Assessment (EPA) will take place once the apprentice has been learning with Why? for a minimum of 12 months and the purpose behind the EPA is to validate that the apprentice has developed the skills and behaviours and learnt the knowledge for their specific apprenticeship.

The assessment plan for the Improvement Specialist is another step up from the Technician and Practitioner as the Specialist's role is to lead a team of Technician's and Practitioner's. The methods of assessment test this skill via:

- A professional discussion underpinned by a portfolio of evidence
- An exam which consists of 8 case studies with questions

The assessor is looking for the Improvement Specialist to demonstrate how they have led and shaped change within their business....its not meant to be easy.

Value Added Apprenticeship Benefits...

- Gain an industry recognised Lean6 Black Belt qualification alongside the apprenticeship.
- No additional fees! All course costs are included as standard.
- Our skilled practitioners will bring the training to life using practical exercises that can then be applied in the workplace.
- Occupational Competence will be independently assessed by the EPAO.



This BLACK5+ course will cover the following knowledge skills and behaviours:

- Leading Improvement Team
- Project Planning
- Project Reviews & Coaching
- Commercial Environment
- Failure Mode Avoidance
- Voice of the Customer
- Process Mapping and Analysis
- Root Cause Analysis
- Advanced Statistical Analysis
- Hypothesis Testing
- Introduction to SigmaXL or Minitab Software
- Process and Scientific Thinking
- Strategic Planner
- Drive for Results through Team



collaborate / with us
navigate / our training
transform / yourself

Where?

Face to Face at our Training Centre - Unit 7b, AESSEAL New York Stadium, New York Way, Rotherham S60 1FJ **or** we can deliver at your site (subject to agreement).

Find out more

See how our SAS team can help provide a total business support package to help you transform the performance of your teams and total business performance. Whether it's [HR](#), [Marketing](#), [Leadership](#), [Quality HSE](#) or [Lean & Six Sigma](#), we've got you covered!

Just drop us a line, an email or hunt us out on social media, we're always happy to help.

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