

Lean Six Sigma Yellow Belt Programme 2 days

Build the skills to solve real-world problems, reduce waste and make a measurable difference, in just two days.

Ready to take your first step in Lean Six Sigma? Our accredited Yellow Belt training gives you a practical introduction to the tools and mindset behind effective process improvement.

Designed for professionals across all sectors and roles, the course equips participants to contribute confidently to improvement initiatives or lead focused projects within their own teams.

Delivered over two engaging days, the programme introduces the DMAIC framework (Define, Measure, Analyse, Improve, Control) the proven methodology at the heart of Lean Six Sigma.

The course also includes AI integration through CatStat, Catalyst's AI-powered process analysis and improvement tool, demonstrating how technology can accelerate improvement while supporting human decision-making. CatStat access is included for each participant so you can continue exploring the tool after the course.

What You'll Learn

By the end of this programme, you will be able to:

- Apply a range of continuous improvement tools confidently in the workplace
- Contribute effectively as part of a Green Belt or Black Belt project team
- Run focused improvement projects independently
- Define problems using Improvement Charters, VOC, SIPOC, and problem statements
- Measure and understand processes using mapping, data collection, visualisation, and analysis tools
- Analyse root causes using Fishbone, 5 Whys, Pareto analysis, and waste analysis
- Improve and control processes using techniques such as 5S, visual management, and error proofing

Delivery Format

Choose the learning format that works best for you:

- Live virtual open programme (running monthly)
- In-company delivery (virtual or classroom-based)
- Self-study online programme with dedicated tutor support
- Blended learning options

Accreditation

The course is accredited by the British Quality Foundation and Lean Competency System.

Participants who go on to apply the skills on a workplace project can be certified as a Yellow Belt through the BQF or LCS (Level 1b).

Who Should Attend?

- Anyone who wants a practical, detailed introduction to Lean Six Sigma and everyday problem solving
- Individuals looking to improve the flow of work within their team or department
- People who want to make meaningful, independent contributions to Lean Six Sigma project teams (e.g. supporting Green or Black Belts)
- Professionals in any industry who want to reduce waste, solve issues early, and improve customer outcomes
- Individuals interested in running their own small, focused improvement projects
- Those who want to learn a comprehensive set of continuous improvement tools they can apply immediately in day-to-day work
- Anyone starting the Lean Six Sigma journey
- Leaders or sponsors who want a shared understanding of Lean Six Sigma fundamentals to better guide their teams

Why Choose This Course?

This programme provides practical, immediately applicable skills that can be used from day one in the workplace.

Participants gain:

- A recognised accredited qualification
- Practical experience using Lean Six Sigma tools
- Confidence to contribute to improvement projects
- Skills to identify waste and improve efficiency
- Exposure to AI-supported process improvement through CatStat

Yellow Belts are equipped to make an immediate contribution to continuous improvement activities and help sustain measurable operational gains.

Course Content

- Introduction to Lean Six Sigma: Gain an understanding of the key concepts and principles of Lean Six Sigma.
- Define: Understand the problem to be solved, set project scope, and establish customer-focused goals.
- Measure: Assess current processes and understand existing performance levels.
- Analyse: Identify root causes using evidence-based analysis rather than assumptions.
- Improve: Develop and implement targeted solutions to address root causes.
- Control: Sustain improvements through monitoring, standards, and handover plans.

Our materials pack is comprehensive. As well as access to CatStat, learners receive:

- 12 months access to 50+ videos of course content
- Printed and soft copies of course slides
- Lean Six Sigma Improvement Journey Book and Pocket Guide
- Downloadable tools and templates

The tools included in the training are illustrated below:

Key principles and foundations	Measure	Analyse	Control
Lean and Six Sigma	Deployment -Flowchart	Identify and confirm the causes	Implement and Standardise the solution
Cause and Effect	Spaghetti Diagram	Fishbone diagram and 5 Whys	Control plan
DMAIC	Process Stapling / Gemba	8 Wastes	Standardisation
Building Acceptance	Value Added Flow	Pareto Charts	Visual Management
Define	Analysis		Assess Achievements and Lessons
Improvement Charter	Moments of Truth	Improve	Project Storyboard
Problem Statement	Data collection	Creative thinking tools	
SIPOC	Output, Input and In-process measures	Lean Solutions	
Voice of the Customer	Operational Definitions	Batch size reduction	
	Visualising Data	Theory of Constraints	
	Histogram	5S	
	Statistical Process Control	Plan and test the Solution	
		Risk Assessment, PDPC	
		Error Proofing	
		Implementation Planning	

Why Choose Catalyst?

Catalyst delivers results, not just services. We blend consulting, coaching, training, and AI-powered tools into a seamless support system that meets teams where they are, developing capability at every level.

Thousands trust us to support their learning and Continuous Improvement journeys – we’ve specialised in Lean Six Sigma Training and Consultancy for over 30 years. We’re known for sharing our knowledge in an accessible and interactive way. Look no further for relevant, relatable content, built by experts and accredited by the British Quality Foundation and the Lean Competency System (LCS). We are the BQF’s primary Lean Six Sigma partner and recommended by the Chartered Quality Institute.