

Advanced Lean Practitioner 8 days*

An eight-day programme (*or five-day upgrade from Lean Practitioner) that takes your Lean knowledge from competent to authoritative, equipping you to lead improvement at every level of an organisation and mentor others to do the same.

Building on Lean Practitioner training, this programme is designed to further extend knowledge of the Lean toolkit and develop the change management and facilitation skills needed to lead continuous improvement at every level, from introducing 5S and visual management into a work area through to facilitating improvement across a whole Value Stream. Practical throughout, the programme suits all sectors and can be tailored for in-company delivery.

What You'll Learn

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

- Lead and deliver Lean improvement initiatives aligned to organisational strategy and measurable business outcomes
- Analyse and redesign end-to-end value streams to eliminate waste and optimise flow across functions
- Design and implement advanced Lean processes using tools such as SMED, OEE, TPM, Heijunka, and Kanban
- Develop and sustain Lean management systems including visual management, daily management, and tiered accountability
- Plan and execute improvement roadmaps that balance strategic transformation with operational performance
- Lead change effectively by engaging stakeholders, overcoming resistance, and building organisational capability
- Embed a culture of continuous improvement using structured problem-solving methods such as PDCA, A3, and Kaizen
- Deliver measurable improvements in quality, cost, and delivery while preparing for Advanced Lean Practitioner certification

Delivery Format

- Available as in-company training only (on-site or virtual)
- Full programme runs over eight days, with a five-day upgrade available for Lean Practitioners
- Bespoke delivery tailored to in-company standards and tools
- Flexible delivery options

Accreditation

- Enables application for Advanced Lean Practitioner certification (BQF or LCS) after completing a first project
- Supports professional recognition and career progression
- Worth 64 CPD points

Who Should Attend?

- Lean Practitioners wishing to develop their skills and gain confidence in applying Lean improvement techniques to deliver rapid wins and larger-scale initiatives
- Managers and team leaders responsible for improving performance and efficiency across multiple areas or functions
- Individuals tasked with designing or redesigning processes to eliminate waste and improve flow
- Project managers or change agents leading transformation or continuous improvement initiatives
- Operational and service professionals who want to deliver measurable improvements in quality, cost and delivery at scale
- Those seeking to act as strategic change leaders and build organisational capability in Continuous Improvement

Why Choose This Course?

Organisations invest in the Advanced Lean Practitioner Programme to build the capability to lead large-scale improvement initiatives that deliver sustained performance and measurable results.

Participants will:

- Apply advanced tools and methodologies to deliver Lean improvements aligned to strategic objectives
- Lead system-wide change by redesigning end-to-end value streams and eliminating waste at scale
- Build and sustain robust Lean management systems, including visual performance management
- Design and optimise high-performing processes using techniques such as SMED, OEE, TPM, Heijunka, and Kanban
- Develop the leadership capability to drive change, align teams, and embed a culture of continuous improvement

The tools and mindset apply equally, whether you're streamlining a manufacturing line, redesigning a service process or bringing order to the digital workflows and automated pipelines that increasingly sit at the heart of modern operations.

Course Content

***Lean Foundations (1 day):** The one-day Lean Foundations programme sets the scene by establishing the core principles, concepts and benefits, alongside the critical role people play in successful improvement. From the outset, the focus is on practical application.

***Lean Practitioner (2 days):** The two-day Lean Practitioner upgrade builds practical application skills, defining value, analysing work, improving flow and reducing waste. Participants apply DMAIC/PDCA methods to deliver sustainable improvements and strengthen teamwork.

***Strategic and Operational Improvement In depth (3 days):** Centred on Value Stream Mapping as a strategic tool for engaging leadership in end-to-end transformation, the programme moves from mapping current reality and designing a better future state through to implementation and change management, while building the systemic thinking, leadership behaviours and Lean Management routines needed to sustain a genuine CI culture long-term.

***Lean Process Design:** A focused two-day module that builds practical capability in designing and optimising high-performing Lean processes. Participants learn to reduce changeover times using SMED, improve equipment effectiveness through OEE and TPM, and optimise production flow with Heijunka, takt time, and line balancing. The course also covers pull systems and Kanban, Lean cell design, and the integration of multiple Lean tools to create flexible, efficient, and continuously improving operations.

A comprehensive range of advanced Lean tools and techniques are covered, including:

Advanced Problem Solving	Line Balancing (Yamazumi)	Stakeholder Engagement
Advanced VSM Techniques	Mixed Model Production	Standard Work for Leaders
Autonomous Maintenance	OEE (Overall Equipment Effectiveness)	Strategic Alignment
Breakthrough Objectives	One-Piece Flow	Supermarket Design
Cascade Planning	Organisational Change	Takt Time
Cell Design	Management Pitch	Tiered Accountability
Coaching and Development	Policy Deployment	Total Productive Maintenance (TPM)
Daily Management Systems	Production Leveling	Transformation Roadmaps
Future State Design	Pull Systems	U-Shaped Cells
Heijunka	Quick Changeover (SMED)	Visual Performance
Kanban System Design	Sequencing	Management
Leader Standard Work	Short Interval Control	Work Cell Design
Leadership Behaviours		

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 partner and recommended by the Chartered Quality Institute.