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What is Lean Processes and Tools Training?

This Lean training course provides a sound practical understanding of the legendary Toyota Production System that produces high quality products; in a short time and at a low cost. Lean thinking is now not just for manufacturing, but is successfully applied to improving all types of organisation including office work, knowledge processing and service industries.

Lean provides methods and tools that enable any organisation, whatever its business, to reduce costs, shorten delivery times, and improve quality - simultaneously.

This Lean course will give you a practical introduction to lean methods and tools so that you can start to identify and undertake improvement activities.

We also provide private and in-company **Lean Processes & Tools courses.** Call +44 (0)1273 622272 to discuss.

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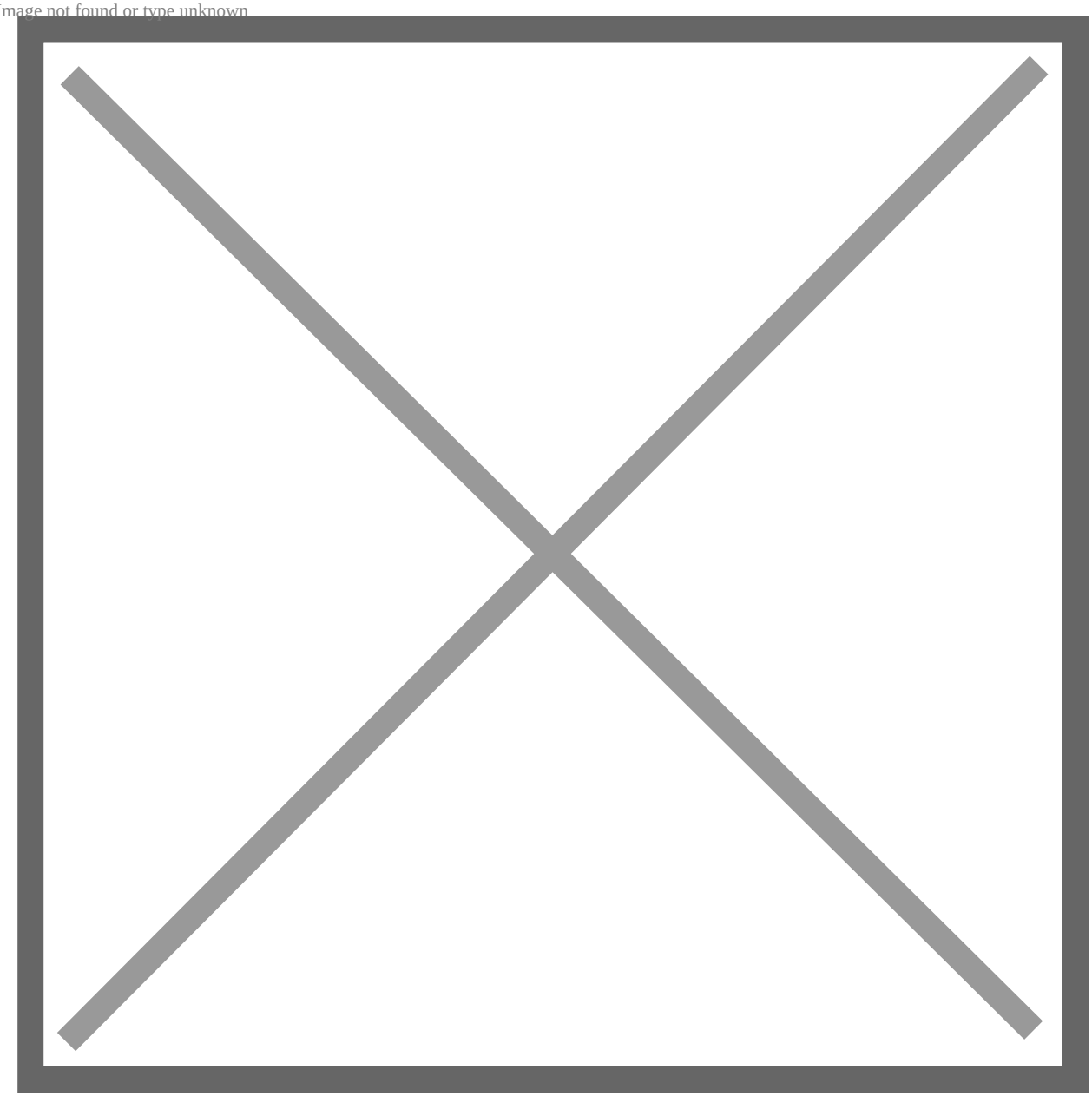

Lean Training

Course Objectives

This practical 3-day Lean training course uses a blend of theory and practical exercises. During the Lean Processes & Tools training course delegates will develop an understanding of:

- The key elements of the Lean thinking and methodology
- Voice of the customer; customer value and the value stream
- The identification (learning to see) and elimination of waste in processes

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- The main lean tools and techniques and their practical application

Customer focus

- SIPOC, Kano, CTQ
- QCD lean metrics

History & features of Lean and Six Sigma

Principles of lean thinking

- Batch size, inventory and flow
- Seven wastes
- 5S (workplace organisation)
- Lean methods and tools

Theory of constraints

- Herbie

Process thinking

The value stream

- Kaizen
- Current state & future state

Process mapping

- flowchart, spaghetti map
- time value map

Layout, cells & lines

The challenge of change

- the change cycle

DMAIC process

Kaizen blitz

Root cause analysis

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- Total productive maintenance TPM
- Visual workplace
- Kanban

Implementation

Appendix: More methods & tools

This practical 3-day Lean training course provides delegates with a practical introduction to Lean methods and tools, enabling them to undertake effective improvement activities to reduce costs and make improvements to the lead time and quality of their product or service.