

Lean Processes and Tools Training

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.

Objective

This practical 1-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
- The main lean tools and techniques and their practical application

Details

Duration: 1 Day

Who is this course for

All staff wishing to understand how Lean thinking and lean tools can be used to deliver process improvement projects in the work place. There are no prerequisites for this Lean Processes & Tools training course except a willingness to participate and an open mind.

Course Content

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

More on lean

- Standard work
- SMED, poka yoke
- Total productive maintenance TPM
- Visual workplace
- Kanban

Implementation

Appendix: More methods & tools

