



**silicon
beach**
TRAINING

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Lean Processes and Tools

Duration: 3 days

Price: £995 + vat

Prerequisites

This course is recommended 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 course except having a willingness to participate and an open mind

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.

Objectives

After this Lean Processes and Tools training course, delegates will understand:

- 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

Course Content

- Introduction to Lean thinking
- Approaches to quality and process improvement
- DMAIC methodology
- Lean Project Charter
- Voice of the customer and customer value
- Process flow diagrams
- Value stream mapping - current state
- Lean measurement
- Operational definitions
- Data collection
- Analyse current state
- Determining lean metrics
- Identifying waste (learning to see)
- Root cause analysis tools
- 5S, mistake proofing and visibility principles
- Push versus pull and kanbans
- Set-up reduction, SMED
- Standard work
- Workload balance and takt time

continued...

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Related Courses

Lean Awareness: 1 Day

Value Stream Mapping: 2 Days

Lean Six Sigma Green Belt: 5 Days

Root Cause Analysis: 2 Days

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Lean Processes and Tools (continued)

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- Brain storming techniques and evaluation
- Future state value stream map
- Improvement action plan
- Measuring and sustaining the gain
- Ownership reward and recognition

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