

Lean Tools (3 Days)



Background

The concept of Lean Manufacturing was developed in the early 1990s from studies of the Toyota Production System. It focuses on eliminating waste in processes, waste being anything that impedes the flow of product as it is being transformed in the value chain. The programme covers the key principles of lean – identify value, the value stream, flow, pull and continuous improvement.



This three day course will enable participants to successfully complete business process improvement projects through the practical application of lean techniques.

Objectives

- To understand the concept and origins of Lean.
- To understand the 5 key principles: Value, Value Stream, Flow, Pull & Continuous Improvement.
- To apply PDCA to business process improvement.
- To understand the 7 common 'wastes' in all process and how they can be eliminated.
- To deliver a return on investment to the company through successful completion of a project.

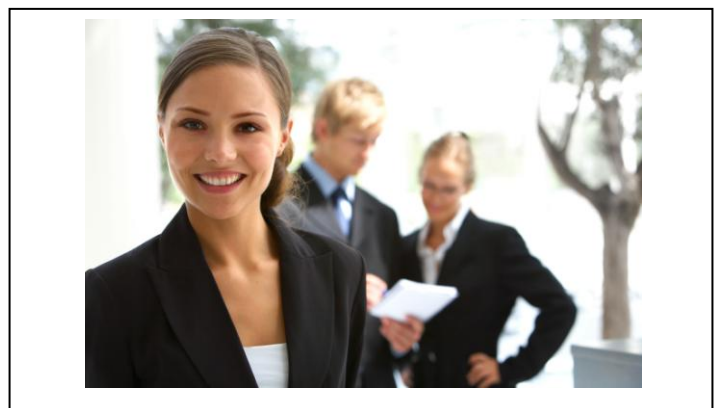
Who should attend

This course is intended for personnel with responsibility for leading teams in business process improvement.

Course Programme

Day 1 - History & Introduction to Lean.
The 7 wastes. Lean foundations.
Day 2 – PDCA & improvement Tools. SPC &
Process Capability, Standard Work
Day 3 – Kanban, value stream mapping.
Kaizen. Quality. Project Closure

This course can be supplemented with on-site days to focus on individual projects – please ask for details.



Course Manual

Course notes will be provided to participants along with a soft copy on memory stick, which proves to be an excellent source of reference after the course.

Day 1	Day 2	Day 3
History & Principles of Lean	PDCA, Statement & Charter	Kanban
Trad vs Lean	7 basic quality tools	VSM
V.O.C.	VSM basics	Initial presentations
Value & the 7 wastes	Brainstorming	Kaizen
Assignment	1st pass analysis	Quality
5s	SPC	Mistake proofing
TPM	Cp & Cpk	Cell Layout
OEE	TAKT & Std Work	Skills Demo / Presentation

Why Choose ETAC?

ETAC is an Irish Company specialising in the provision of training, expertise and software solutions in all matters related to Lean and Six Sigma Business Improvement Programmes. All ETAC associates have extensive knowledge and many years of practical experience in Lean Implementation, Programme Management, Change Management & Six Sigma in many different industries in Ireland, the UK, Europe and the USA.

ETAC has been responsible for the training of over 200 Six Sigma and Lean practitioners including project support for projects that have delivered over €6,000,000 in hard financial benefits for our clients.

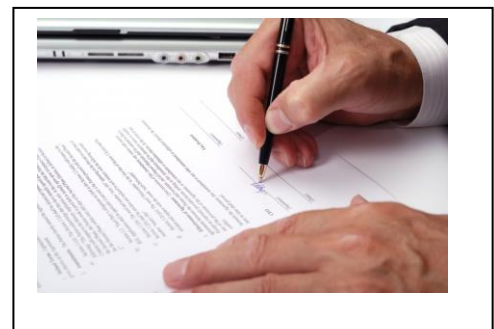
Customers of ETAC include Abtran, Air Atlanta, Allergan, Coca Cola, DAA, Diageo, Élan, Element Six, Forest Tosara, GN Resound, Irish Distillers, Iarnród Éireann, Lexmark & Pepsi.

Training Methodology

This classroom based course is highly interactive and uses practical exercises and simulated case studies to reinforce understanding and learning.

Course Organisation

Course Times are typically 9.00am-5.00pm.
Group sizes up to 12 per group.



ETAC

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