



Lean Expert course

3 Days Classroom training



OVERVIEW

The Lean Expert course takes the foundation elements learned in Lean Leader a step further by developing your capability in both the application of advanced Lean tools and in facilitating business-wide lean programmes of improvement.

The course focuses on learning how to engage the wider business in Lean thinking through the alignment of Lean initiatives with business strategy. This will provide focus and start engaging the wider organization in a different way of thinking which in turn can enable dramatic improvements in business performance.

This Lean Expert course will equip you with advanced knowledge of the techniques to allow you to see the ‘bigger picture’ and, therefore, where improvements are required within the value stream.

Key Benefits

- The highly qualified and senior industry faculty provides an unparalleled educational experience and practical business case studies.
- The program's format allows for sustained immersion in the learning environment, while minimizing time away from work
- The module learning experience dramatically expands your skill base and your breadth of understanding, enabling you to find new approaches to your business challenges and to consider a wider realm of potential opportunities and growth strategies.
- Understand how to use a range of advanced Lean tools for both project-based improvement and daily process management
- Be able to define, visualize, communicate and improve the end to end value stream for a process, function or business
- Be able to influence and coach a range of stakeholders in the Lean change process and new ways of thinking.
- Construct value stream maps to guide focused improvements.
- Select and apply the appropriate Lean methods and tools to reduce various types of waste.
- You can continue to use the sample size calculator and will receive a 30% discount on the use of statistical Data Potential Survey application.

- **Tailored coaching & support for Career development**
- **Make new, life-long connections with experienced business people from a wide variety of cultures, industries and backgrounds.**
- **An exclusive Data Potential Academy “Certificate” – Accredited by International Lean and Six sigma institute-UK**



Is this the right choice for me?

The programme provides an overview of Lean principles, tools and methods to enable you lead and support projects which eliminate waste, solve problems and deliver sustainable performance improvements. Through taught content, discussions and group exercises it engages delegates and embeds the learning through a variety of media.



Are there any Pre-requisites to the course?

No pre-requisites are required for our Lean Practitioner course. It provides a clear introduction for anyone new to Lean Thinking or process improvement.

Course content

Intensive Lean Principles and Lean Tools Training

- **Lean Principles and Lean Thinking Deployment**
- **Waste Identification and Elimination**
- **Selection of Product Families and Value Streams**
- **Organizing Operations to meet the Customer Demand Rate**
- **Use of Buffer and Safety Resources or Stock, Finish Goods Supermarket Strategy, Organizing the Workspace for Better Productivity (5S)**
- **The Relationship between Quality and Turnaround Time, the Lean Quality Approach**
- **Making Processes Flow**
- **Implementing Continuous Flow, Balancing Work and Work Area Re-Design**
- **Maximizing Use of Equipment Results in Overproduction, the Benefits of Pull Versus Push System**
- **FIFO Processing, Fixed Length Pipes, Surfacing Issues, Reducing Setup Times and Interruptions**
- **Signaling Systems, Immediate Feedback and Planned Flexing, Setup Time Reduction**

- **Why Level Demand, How to Level the Mix and Supply Intake, Establishing an Interval (EPEI)**
- **The Use of Visual Management and Why Use Immediate Feedback**
- **Organizing for Rapid Projects**

Module 2 – Practical Value Stream Mapping

- **Introduction to Organizational Value, Waste, Value adding and non-value adding activities**
- **Application of Value Stream Mapping in Waste Identification and Lean Implementation**
- **Overview of Value Stream Mapping Principles and Methodology**
- **Mapping tools and symbols**
- **Value stream mapping – Current State**
- **Hands-on Mapping Session**
- **Analyzing the Current State**
- **Value Stream Mapping – Future State**
- **Hands-on Mapping Session**
- **Achieving the Future State**

- **Using Value Stream Maps to Identify Lean Improvement Projects**
- **Prioritizing and Selecting Lean Projects**
- **Developing a Lean Roadmap**

Module 3 – Kaizen Event Implementation

- **Identify the pilot project for the Kaizen Event**
- **Provide consultancy on project structure**
- **Provide guidance on Kaizen Event preparation**
- **Agree on objectives / Analyze background data / Map Current State for selected event**
- **Identify areas for improvement / Map Future State for each selected Event**
- **Implement Future State improvements**
- **Evaluate performance for Future State**
- **Finalize improvements and on-going actions / Feedback**
- **Post event review to ensure momentum has been maintained**
- **Follow up to ensure project completion**
- **Identify further areas for improvement / skills development**

Module 4 – Final Assessment

- **Project Presentation**
- **Examination**

Internationally accredited Lean and Six sigma courses

The gold standard in quality professional certification, Data potential quality trainings and certifications instill a clear understanding of the quality concepts and rationale. Expert designed courses, most qualified faculty and International recognition and certification of our courses enables you to not only get a certification on your profile but builds the quality improvement skills to help you succeed in any role.

