

LBIM 101: Lean Fundamentals: The Foundation for Competitiveness *(formerly LBIM 100)*

Length: 14 hours

Lean Thinking provides the 'back to basics' mindset that focuses on what the customer really perceives as value. This introductory course will provide you with a base understanding of the history, principles, key implementation concepts and tools of Lean through an interactive session.

You will compare Lean to other business improvement methodologies, and identify the key points of successful implementation; including the human factors, culture of lean and management techniques. Any organization that exists in society today will greatly benefit from the fundamentals taught in this course.

Module 1: The Evolution of Lean Thinking

- Describe Lean and where it can be applied.
- Explain the history and evolution of Lean.
- Describe the six characteristics of a Best in Class Organization.
- Explain the strategic advantages of continuous improvement.

Module 2: Principles of Lean

- Summarize the five principles of Lean.
- Illustrate the application of these principles of Lean using examples.
- Describe the relationship among the principles.

Module 3: Concept of Value and Waste

- Discuss how value could be defined for different types of organizations.
- Explain the significance of the 3M's (Muda, Mura, Muri) in Lean Thinking.
- Define the seven wastes in Muda.
- Differentiate between value-added, incidental and wasteful activity.

Module 4: Overview of Lean Tools, Concepts and Systems

- Explain what the Lean House represents.
- Define the key tools used in Lean.
- Explain the intent of '5S' technique and the pillars to implement.
- Establish the interconnectivity between Lean principles and the associated tools and techniques.

Module 5: Lean vs. Other Business Improvement Methodologies

- Define the key comparative programs of Lean.
- Explain the critical differences between these programs in focus, scope, application and typical results.
- Illustrate how Lean can be complimentary to other methodologies to produce successful results.