

# LEAN-MBA PROGRAMME

## The Path To Operational Excellence

To be locally and globally competitive, businesses need to improve productivity & other operational efficiencies and build continuous improvement & innovation into their organisations.

**Operational Excellence** programmes offer savings and efficiencies, make organisations more productive, flexible & competitive and also help respond to capacity and growth challenges effectively.

The **Lean-MBA** programme has been designed to introduce Best-in-Class tools and practices based on the Toyota Production System, Theory of Constraints, Total Quality Management, Policy Deployment, Balanced Scorecard and Supply Chain Integration methodologies. These principles and tools can be applied to any industry sector to create a strong foundation for a World-Class organisation.

### Why LEAN Transformation?

Every business will benefit from increased profitability. The most sustainable way to increase profitability is to offer products and services at the highest quality, lowest cost and in the shortest lead time. To achieve this, it is imperative to continually look for ways to achieve better results — Lean transformation will help in this direction.

Typically, businesses concentrate on improving their value adding processes to gain higher efficiencies. Lean Thinking focuses on ways to remove waste or non-value adding processes, thus removing hidden costs.

The Lean or **Toyota Production System** is a proven methodology, used for over 60 years, to improve productivity across a number of industry sectors including Military, Aerospace, Manufacturing, Supply Chain & Logistics, Job Shops, Healthcare, Construction, Financial Services and more recently in Education. Though the tools and techniques have been around for decades, people typically struggle with the application of these.

**A successful implementation is 20% about the tools and 80% about the people. We will teach you the tools and also how to successfully engage your people.**

### Why use Lean-MBA programme?

- It provides a structured approach to engage **all employees** in the Lean transformation;
- It provides a solid foundation to ensure that the **gains are sustained** over the long term with effective management and leadership training;
- It **builds capability** at the management level to lead Operational Excellence strategies;
- It includes tools and techniques to support the application of **best-in-class practices** effectively through the use of project management methodology;
- It helps build **continuous improvement culture** among all employees by providing training and coaching and engaging everyone involved.

This motivates employees and provides the system for ensuring learning is demonstrated to the standard required. This is an additional element of Lean-MBA programme that supports the growth of internal capability and programme sustainability.

This **2 year Lean-MBA programme** is developed based on the curriculum of New Zealand National Qualifications.

The Participants of the Lean-MBA programme must be employed with an organisation and be part of Lean deployment. Participants are required to submit project charters initially for approval and then work on various projects in their organisations and also submit evidence to show their work and finally project reports. Participants will be assessed based the work done and awarded the credits attached upon successful completion. When a total of 185 credits are achieved the participants will be awarded a "**Lean-MBA**" degree.



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Your Gateway to Operational Excellence



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# LEAN-MBA: Roadmap To World-Class

## Features:

### Perspective:

Global Perspective for Local Businesses.

### Shared Vision & Values:

Development of shared vision & values to align the business goals with that of individuals.

### Engagement:

Employees at every level will be engaged in continuous Improvement.

### Strategy:

Upfront strategy development involving the management team.

### Building Capability:

Development of Lean Leaders and Champions through the Knowledge transfer to your people to improve products and processes.

### High-Performance Culture:

Cultural change to your workplace with high levels of interaction and problem solving at all levels of the organisation.

### Structure:

A clear strategy and roadmap for successful Lean Transformation through training, coaching and mentoring to develop efficient Processes to gain operational efficiencies and sustain the gains.

### Measurement:

Use of international benchmarking tools for Operational Excellence and use of Balanced Scorecard for performance Management.

### Competitiveness:

Gain competitive advantage in the market place and be prepared for the future.

### Lean Thinking:

The thinking process of everyone from top to bottom will be aligned with the long term goals of the organisation involving innovation, flexibility and sustainability.

## Benefits:

### Return On Investment:

The following benefits are common among businesses deploying World-Class practices through the engagement of highly motivated and multi-skilled workforce:

## ROI of > 8

### Tangible Benefits:

- Improved Productivity
- Improved Quality
- Improved Processes
- Improved Service Levels
- Increased Capacity
- Reduced Cost
- Reduced Lead Times

## 2 Year LEAN-MBA Course List

### Core Units (125 credits):

1. Overview of Operational Excellence (10)
2. Value Stream Mapping (15)
3. Balanced Scorecard (15)
4. Develop a Lean Strategy (15)
5. Problem Solving and RCA (10)
6. 5S and Visual Management (15)
7. Just-in-Time (15)
8. Total Quality Management (15)
9. Lean Culture Development (15)

### 10. Elective Projects (a min. of 60 credits required from the list below)

- a) Develop a Quick Changeover System (15)
- b) Develop a Proactive Maintenance System (20)
- c) Mistake Proof a Production Process (15)
- d) Develop a Kanban Procurement System (15)
- e) Develop a Lean Office System (15)
- f) Develop a Sales & Operations Planning System (20)
- g) Integrate Enterprise Planning Systems (20)
- h) Integrate Manufacturing Execution Systems (20)
- i) Develop a Lean Accounting system (20)

**Note:** The number in brackets represents the number of credits for each unit.

