

The Lean Six Sigma Yellow Belt Program

The Foundations of Operational Excellence



Focus on: **The Manager** ☒ **The Specialist** ☒ **Spotlight Programme** ☒ **Hands-on Skills** ☐

Course Overview

Embark on a transformative journey with the Lean Six Sigma Yellow Belt Program, your gateway to mastering the foundations of operational excellence. Developed by industry giants like Motorola, General Electric, Honeywell, and Toyota, Six Sigma and Lean methodologies converge in this program to empower you with the skills to drive near-perfect products and services within your organisation.

The Lean Six Sigma Yellow Belt Program introduces participants to the foundation concepts required to identify and formulate strategies for improvement and provides participants with the required knowledge and skills on which each of the fundamental improvement paths are based.

Course Objectives		This Course is Ideal For:	
1	Comprehensive Learning: Gain a profound understanding of Lean Six Sigma dimensions, methodologies, and organisational impact.	✓	Executive-level and General Managers
2	Problem-Solving Mastery: Delve into the DMAIC (Define-Measure-Analyse-Improve-Control) process for problem resolution.	✓	Employees involved in Lean Six Sigma improvement projects
3	Process Improvement Strategies: DMADV (Define-Measure-Analyse-Design-Validate) for process reengineering and innovation.	✓	Process Engineers, Technologists & Scientists
4	Flow Management: Master the "Water Bucket" Method, emphasizing process flow, constraints management, and Lean Thinking.	✓	Quality Control Managers and Quality Control Engineers
5	Statistical Expertise: Develop a solid foundation in statistical techniques and measurement concepts crucial for Lean Six Sigma success.		
6	Implementation Skills: Acquire practical knowledge to execute Lean Six Sigma projects		

Course Content

Day	Theme	Coverage
1	Introduction and Foundation Concepts	<ul style="list-style-type: none">Introduction to Lean Six Sigma and Business Improvement StrategiesProcess Thinking - Developing a process view of the Organisation

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		<ul style="list-style-type: none"> Understanding the Drivers of Cost Structure and the Cost of Quality The Process Complexity Concept
2	The DMAIC and DMADV Frameworks	<ul style="list-style-type: none"> The DMAIC Process and Tools/Techniques DMAIC Simulation Case Study The DMADV Process Lean Six Sigma and Innovation DMADV Simulation Case Study
3	Measurement and Statistical Techniques	<ul style="list-style-type: none"> Data and Measurement Concepts Understanding the measures Introduction to the normal distribution and use in Lean Six Sigma Introduction to Statistical Process Control Establishing Process Capability Lean Six Sigma Statistics – DPMO, Yield and Sigma Levels
4	Flow Management and Lean Thinking	<ul style="list-style-type: none"> Process and Workflow Management The Flow View of Processes Case Study: Smith's Auto-Service Centre Introduction to Lean and the 4 Rules of Lean Kaizen
5	Implementation Issues	<ul style="list-style-type: none"> Visual Management Standardised work Leading a Lean Six Sigma Project Implementing Lean Six Sigma in your organization Aligning Lean Six Sigma to Company Strategy Lean Six Sigma Roles and Responsibilities Benefits Realisation - The Path to Excellence Conclusion and Review

Course Assessment		Certification
Participants will be assessed on:	Upon successful completion of the course, participants will receive a Certificate of Successful Completion , along with a Transcript of Marks showing the performance by grade in each element of assessment and overall.	
Participation in sessions		
Completion of exercises & case studies		
Performance in assessments		
Course Instructor		
This speaker is a Management Educator and Consultant with extensive experience teaching MBA, Executive Education and Management Development Seminars and as a hands-on practitioner.		

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He has worked all over with world from Australia to the US, the Middle East, the UK, Western Europe and Asia, and always with a focus on achieving Business and Operational Excellence.

He is internationally recognised as a specialist in Operations Management and Business Performance Improvement, along with Statistical and Quantitative Methods, Project Management, Quality Management, Managing Innovation and e-Business.