Health Care Management · HM437

Fundamentals of Lean Six Sigma

Duration	Category	Ref
1 Week	**Health Care Management**	**HM437**
Language	Certificate	
English	**Certificate of attendance**	

Course Introduction

This course provides participants with a comprehensive understanding of Lean Six Sigma principles, methodologies, and organizational benefits. It introduces the concepts of operational excellence, quality management, waste reduction, and continuous improvement, enabling participants to understand how Lean Six Sigma supports organizational performance and customer satisfaction.

Course Objectives

By the end of the course, participants will be able to:

- Understand the principles and philosophy of Lean Six Sigma.
- Recognize the relationship between quality, efficiency, and organizational performance.
- Identify the key components of Lean and Six Sigma methodologies.
- Understand the DMAIC improvement framework.
- Appreciate the importance of data-driven decision-making.
- Recognize common sources of waste and process inefficiencies.
- Understand the role of leadership in fostering a culture of continuous improvement.
- Evaluate the strategic benefits of Lean Six Sigma initiatives.

Target Audience

- Senior Managers and Executives
- Department Heads
- Project Managers
- Operations Managers
- Quality Professionals
- Government Officials
- Business Analysts
- Team Leaders
- Professionals interested in organizational excellence and continuous improvement

Course Outline

Day 1

Introduction to Lean Six Sigma

- Evolution of Quality Management
- Origins and Development of Lean and Six Sigma
- Key Concepts and Terminology
- Principles of Operational Excellence
- Benefits and Applications of Lean Six Sigma
- Lean Six Sigma Across Different Industries

Day 2

Lean Management Principles

- Understanding Value from the Customer Perspective
- The Concept of Waste and Its Impact on Performance
- Lean Thinking and Organizational Efficiency
- Continuous Improvement Philosophy
- Overview of Lean Management Tools and Techniques
- Building a Lean Culture

Day 3

Six Sigma Fundamentals

- Understanding Variation and Process Performance
- Quality and Customer Satisfaction
- The Six Sigma Improvement Philosophy
- Overview of the DMAIC Methodology
- Roles and Responsibilities in Six Sigma Programs
- Organizational Benefits of Six Sigma

Day 4

Organizational Excellence and Process Improvement

- Process-Oriented Management
- Principles of Effective Process Design
- Performance Measurement Concepts
- Decision-Making Based on Data and Evidence
- Risk Reduction and Quality Enhancement
- Continuous Improvement Frameworks

Day 5

Leadership and Continuous Improvement Culture

- Leadership's Role in Lean Six Sigma Success
- Change Management and Organizational Transformation
- Developing a Culture of Quality and Excellence
- Strategic Planning for Continuous Improvement
- Lessons Learned from Successful Lean Six Sigma Implementations
- Future Trends in Operational Excellence

Ask us for a date for this course

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training@hplustraining.com · +44 74 0108 8599 · +90 539 827 59 14