



Consulting and Training | Reach New Heights

Course Name

Lean Six Sigma

Sector Name

Quality Management & Operational Excellence

Document Type

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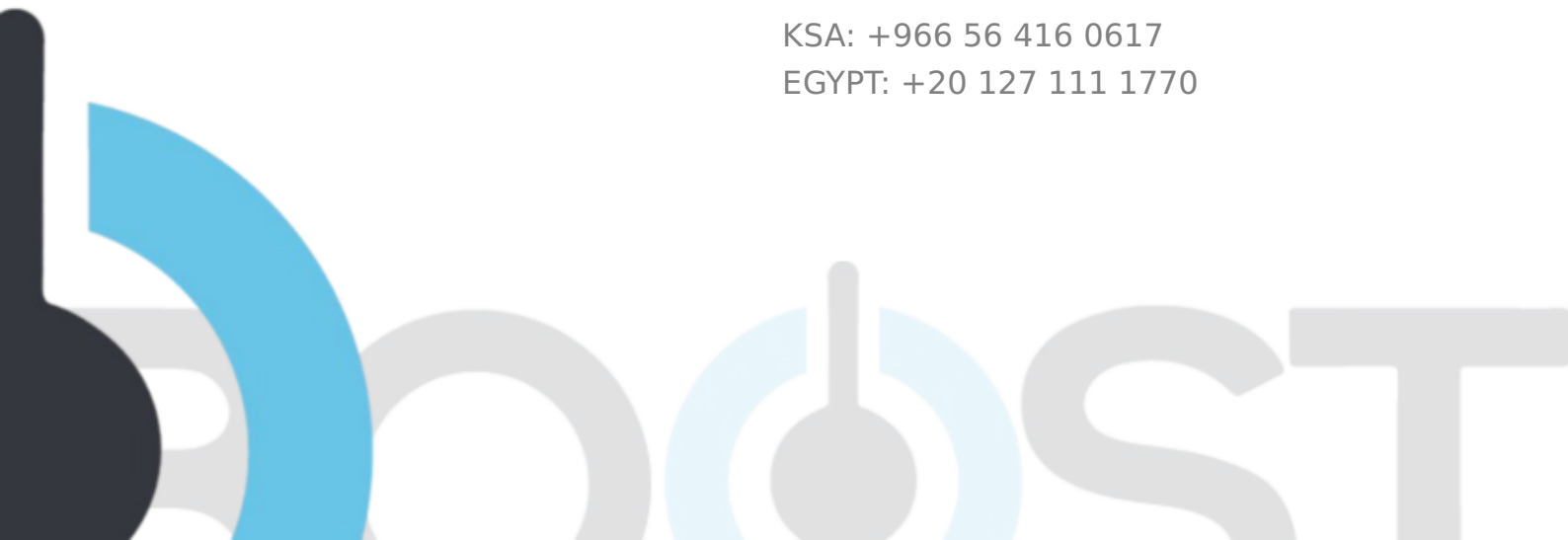
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Lean Six Sigma

Course Introduction

This training program is designed to provide participants with knowledge of the Six Sigma principles, methodologies, and tools.

This **3-day** training program will also prepare all participants to understand and use basic measuring tools to gather accurate data.

Additionally, they will navigate the problem-solving and process improvement processes in theoretical and practical Six Sigma work, to move forward fully informed and use knowledge to make the best decisions.

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Target Audience

- ✓ Practitioners in quality and audits
- ✓ Senior members and managers of organisations who need to understand the significance of training employees on quality management

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Learning Objectives

- ✓ Define and understand quality concepts and their evolution
- ✓ Identify why Six Sigma is important for organizational Improvement.
- ✓ Understand and apply the Six Sigma methodologies and tools to improve projects.
- ✓ Understand what process improvement tools are available to eliminate waste and drive customer value.
- ✓ Identify the Six Sigma roles in customer service, measurement, analysis, and problem control processes.

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Course Outline

✓ 01 DAY ONE

Introduction

- ✓ Introduction to Quality.
- ✓ High Performance Standards.
- ✓ What is Lean Six Sigma?
- ✓ Importance of Lean Six Sigma.
- ✓ Differences between Six Sigma levels “Belts” (Yellow, Green, and Black).
- ✓ How to calculate the Sigma level?
- ✓ DNA of a Champion.
- ✓ Organizing for Success.
- ✓ Working Relationships.
- ✓ Workshop.

Fundamentals of Six Sigma Tools:

- ✓ DMAIC.
- ✓ The 5s System.
- ✓ Value Stream Mapping.
- ✓ Regression Analysis.
- ✓ Pareto Chart.
- ✓ Kaizen.
- ✓ Fishbone Diagram.
- ✓ Mistake Proofing.

- ✓ Load balancing.
- ✓ CTQC Tree Diagram.

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Course Outline

✓ 02 DAY TWO

Measuring Performance Tools:

- ✓ Trend Chart.
- ✓ Lean Six Sigma Conversion Table.
- ✓ Histogram.
- ✓ Statistical Process Control (SPC)
- ✓ Quantifying Process Variability
- ✓ X and Moving Range Charts - Toolset
- ✓ Pareto Chart Toolset

Lean Six Sigma and Problem-solving:

- ✓ Cause & Effect Diagram Toolset.
- ✓ The 5-Whys, 1-How.
- ✓ Scatter Plot Toolset.
- ✓ Control Charts
- ✓ FMEA Toolset.
- ✓ Brainstorming.
- ✓ Prioritizing and Selecting a Solution.
- ✓ Implementing the solution.

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Course Outline

✓ 03 DAY THREE

Lean Six Sigma and customer service:

- ✓ How does Six Sigma improve Customer satisfaction?
- ✓ What are sigma performance levels?
- ✓ The Kano model and quality function deployment

Improve Lean Six Sigma project:

- ✓ Tips and Tricks of a successful Six Sigma project.
- ✓ Roles of managers and employees.
- ✓ Common Mistakes of Six Sigma Deployment And Ways Of Avoiding Them.
- ✓ Practical Application “Workshop”

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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
March 14, 2027	March 16, 2027	3 days	3250.00 \$	KSA , Dammam
May 3, 2027	May 5, 2027	3 days	3250.00 \$	UAE , Abu Dhabi
June 22, 2026	June 24, 2026	3 days	3250.00 \$	USA , Los Angeles
Aug. 24, 2026	Aug. 26, 2026	3 days	3250.00 \$	UAE , Dubai
Jan. 4, 2027	Jan. 6, 2027	3 days	3250.00 \$	UAE , Dubai

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