

Lean Six Sigma Master Black Belt Training

A signifier of career excellence and advanced statistical analysis knowledge, this Lean Six Sigma Master Black Belt certification is a much sought-after qualification, that demonstrates strategic planning abilities and high-level managerial competence.

Objective

At the conclusion of this Lean Master Black Belt Certification Course, candidates will understand how to:

- Implement the robust and structured Six Sigma DMAIC Principles
- Lead Lean Six Sigma Projects and Manage Green/Black Belts
- Appreciate the importance of the customer's voice
- Appropriately conduct advanced statistical analysis to discover dysfunctional business processes
- Conduct Financial Project Appraisals
- Influence employees to adhere to the Lean Six Sigma techniques
- Manage and oversee multiple Six Sigma Projects simultaneously

Details

Duration: 15 Days

Who is this course for

Prior to undertaking this Lean Six Sigma Master Black Belt, candidates must be Black Belt qualified - which can be achieved through Silicon Beach's [Lean Six Sigma Black Belt Certification Course](#)

Course Content

This Lean Six Sigma Master Black Belt Certification covers topics to give candidates extensive and applicable knowledge of Lean Six Sigma Principles including:

- Project Management v Team Leading
- Identifying Scope of Projects
- Managerial Qualities required to lead Black Belts
- Utilising advanced Business Strategies to Improve Upon Project Delivery
- Managing Clients and Stakeholders
- Appraisals, Reviews, and Utilising Feedback
- Enhancing Productivity
- Effective and Logical Decision Making
- Developing Documentation
- Contingency and Risk Planning

Data Analysis Techniques

- Pareto and Frequency charts
- Process Mapping and Analysis Value Stream Analysis Complexity
- Cause-Effect Diagram & 5 Why's
- Central Limit Theorem
- Normality and Confidence Intervals
- Capability Studies
- Correlation and Regression
- Design of Experiments (DoE)
- Full Factorial Analysis
- Stratification Box Plots

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