

# LEAN SIX SIGMA MASTER BLACK BELT CERTIFICATION

As per International Standards



UNICHROME

# Unichrone Training **Advantages**

- ✓ 5 Day Interactive Instructor –led Online/Classroom or Group Training
- ✓ Course study materials designed by subject matter experts
- ✓ Mock Tests to prepare in a best way
- ✓ Highly qualified, expert & accredited trainers with vast experience
- ✓ Enrich with Industry best practices and case studies and present trends
- ✓ LSS Master Black Belt course adhered with International Standards
- ✓ End-to-end support via phone, mail, and chat
- ✓ Convenient Weekday/Weekend LSS Master Black Belt Training Course schedule



# About Unichrone

✓ We are a professional training institute with an extensive portfolio of professional certification courses. Our training programs are meant for those who want to expand their horizons by acquiring professional certifications across the spectrum. We train small- and medium-sized organizations all around the world, including in USA, Canada, Australia, UK, Ireland and Germany.



Guaranteed Quality



Handpicked Trainers



Global Presence



Online Training Option

**We've trained professionals across global companies**



## Importance of Lean Six Sigma Master Black Belt Certification

- ✓ Master Black Belt professionals possess extensive knowledge of the DMAIC methodology. They are responsible for teaching the Six Sigma methodology to Black, Green, and Yellow belts within the organization. They also handle challenging Six Sigma initiatives in the company. Individuals holding Lean Six Sigma MBB Certification are eligible for senior leadership positions due to their accumulated experience. Additionally, the credential provides new job prospects, increased pay, and advancement in the Lean Six Sigma profession.
- ✓ Professionals seeking to achieve the pinnacle of Lean Six Sigma proficiency can enroll in Lean Six Sigma Master Black Belt Training. It offers candidates enhanced skills and understanding of Six Sigma methodologies and tools. This empowers them to tackle challenging issues, promote innovation, and make major decisions. They can lead and assist with complex organizational process improvement projects. Participants' leadership abilities are developed throughout the Master Black Belt Training to help them manage teams and drive organizational change.

## ELIGIBILITY CRITERIA

- ✓ Aspirants need to have Six Sigma Black Belt Certification prior to pursuing LSS Master Black Belt Certification.

## WHO SHOULD ATTEND

- ✓ Any professional who meets the eligibility criteria and wants to advance his/her career in Lean Six Sigma can take up the LSS Master Black Belt Training course.

# Lean Six Sigma Master Black Belt Certification Advantages



CERTIFIES  
YOUR TALENT



HELPS  
BUILDING  
VALUES



GLOBAL  
RECOGNITION



PERFECT  
EXECUTION



BUILDS  
CUSTOMER  
LOYALTY



MORE  
EMPLOYABILITY  
OPTIONS

# Syllabus of Lean Six Sigma Master Black Belt Certification Training

## Lesson 01 – Understanding Lean Six Sigma Advanced Roles

1.	Role of the Black Belt
2.	Role of the Master Black Belt
3.	Board Level Champion

## Lesson 02 – Leadership

1.	Why?
2.	Who do you Lead?
3.	Leadership and Trust
4.	Leadership Style
5.	The Goals of Lean 6 Sigma Leaders
6.	Gemba
7.	Principles of Lean Leadership
8.	The Key Leadership Behaviours
9.	Leadership Styles

# Syllabus of Lean Six Sigma Master Black Belt Certification Training

## Lesson 03 – Formal 5Ys

1.	Reminder - What We Learned in Yellow Belt
2.	Proportional Response
3.	5Y Workshop
4.	5Y Champion
5.	Black Belt Perspective

## Lesson 04 – TPS, the Toyota way, and the 4Ps

1.	Introduction
2.	The 4Ps
3.	The 14 Principles



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## Lesson 05 – Visualising & Controlling Processes Through Kanban

1.	WIP
2.	TOC
3.	Kanban in the Office
4.	Kamishibai Boards

## Lesson 06 – Total Productive Maintenance (TPM)

1.	Introduction to TPM
2.	A Six Step Implementation Framework

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## Lesson 07 – Formal Kaizen

1.	Understanding Kaizen
2.	Kaizen Events: Preparation
3.	Kaizen Events: Pre-Kaizen
4.	Kaizen Events: Implementation
5.	Kaizen Events: Follow up

## Lesson 08 – Effective Meeting Management

1.	Overview
2.	Group Discussion: Why Do Meetings Go Bad?
3.	What are Meetings Trying to Achieve?
4.	Prerequisites for Effective Meetings
5.	Black Belt Perspective

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## Lesson 09 – Making the Case for Lean 6 Sigma

1. The Cost of Quality (COQ)
2. The Financial Benefit of a High Process Sigma
3. Maximising Intangible Resources
4. The Other Benefits of a Lean 6 Sigma Culture
5. The Business Case for Lean 6 Sigma

## Lesson 10 – Dynamics of Change

1. Business Models
2. Evaluating Business Maturity
3. Combating Resistance

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## Lesson 11 – Strategy for Black Belts

1. What is Business Strategy?
2. Key Stakeholders
3. Value Propositions
4. Capabilities & Core Competencies
5. Resources
6. Communicating the Strategy

## Lesson 12 – Developing a Lean Thinking Culture

1. Initialisation: Getting Started
2. Possible Approaches
3. Developing the L6S Culture

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## Lesson 13 – Lean Start-up

1. Introduction
2. Models of growth
3. Strategy in a Lean Start-up
4. Validated Learning & Innovation Accounting
5. Testing Techniques
6. Pivots

## Lesson 14 – Controlling Projects & Design for Six Sigma

1. Elements of Project Management
2. Popular Methodologies
3. Some Common Tools

## Format of Lean Six Sigma Master Black Belt Exam

Examination Format	
Exam Name	LSS Master Black Belt Exam
Exam Format	Open Book-Multiple choice and Project Submission
Total Questions & Duration	100 MCQs & 50 marks for Project Submission, 180 Minutes for Theory and 8 months for Project Submission
Passing Score	60 % of the total marks in both the parts & need to obtain aggregate 70 % marks of the total marks (i.e. 105 out of 150)
Exam Cost	Included in training fee

To get you fully prepared with the knowledge and skills for the LSS Master Black Belt, a training session at Unichrone gives immense importance to mock questions at the end of every module and problem-solving exercises within the session. Prepared by certified Lean Six Sigma faculty, the practice tests are a true simulation of the Master Black Belt Exam.



# Contact Us

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<https://unichrone.com/>

