

# LEAN SIX SIGMA GREEN BELT CERTIFICATION

As per International standards



## UNICHROME

# Unichrone Training **Advantages**

- ✓ 4 Day Interactive Instructor –led Online Classroom or Group Training
- ✓ Course study materials designed by subject matter experts
- ✓ Copy of courses content provided
- ✓ Highly qualified, expert & accredited Master Blackbelt trainers with vast experience
- ✓ Get 32 hours contact hours(PDU's) Certificate
- ✓ Interactive session with Case Studies
- ✓ 2 Lean Six Sigma Green Belt practice tests with detailed answers
- ✓ End-to-end support via phone, mail, and chat
- ✓ Exam fees included in the training course



# Importance of Lean Six Sigma Green Belt Certification

- ✓ Lean Six Sigma Green Belt Training is in high demand across all industries especially – Manufacturing, IT, HR, Banking, Finance, etc. Professionals looking to improve their current position in the organization and demand a better salary can opt for our Lean Six Sigma Green Belt Certification Training
- ✓ Professionals aiming to achieve success in the quality management field in an organization can choose our Lean Six Sigma Green Belt Certification Training Course. Our course outline covers all the essential elements of the Six Sigma methods and DMAIC methodologies in detail. Highly qualified and expert Lean Six Sigma Master Black Belt Certified instructors guide professionals through the Lean Six Sigma principles and help them implement these principles in their process management sector within an organization. With the help of extensive case studies and industry-standard best practices methods.

# 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



AkerSolutions



## ELIGIBILITY CRITERIA

- ✓ The Lean Six Sigma Green Belt Certification Training Course is beneficial for engineers, managers, quality professionals and process owners with a minimum of 2 years of work experience

## WHO SHOULD ATTEND

- ✓ Engineers / Professionals / Executives who want to understand Six Sigma as a management tool for process and performance improvement at their workplace . Quality and Process Managers, Engineers and Executives who need to gain knowledge of Six Sigma in process / quality improvements Production Managers, Production Supervisors and Customer Service Managers . Consultants who want to add Six Sigma Green Belt in their service offerings and help their customers implement it.

# Lean Six Sigma Green Belt Certification Advantages



CERTIFIES  
YOUR TALENT



HELPS  
BUILDING  
VALUES



GLOBAL  
RECOGNITION



PERFECT  
EXECUTION



BUILDS  
CUSTOMER  
LOYALTY



MORE  
EMPLOYABILITY  
OPTIONS

# Syllabus of Lean Six Sigma Green Belt Certification Training

## Lesson 01 – Basics of Six Sigma

1.	What is Six Sigma?
2.	Six Sigma Approach
3.	Six Sigma As A Measure
4.	Why Six Sigma?
5.	History of Six Sigma
6.	Six Sigma Projects & Organizational Goals
7.	Process for Six Sigma – DMAIC

## Lesson 01 – Basics of Six Sigma

8.	What is LEAN
9.	Types of Wastes in LEAN (MUDA)
10.	LEAN Toolkit
11.	LEAN Techniques & Principles
12.	Structure of Six Sigma Teams
13.	DMAIC and DMADV
14.	Normal Distribution Curve or Bell Curve
15.	Design For Six Sigma (DFSS)

# Syllabus of Lean Six Sigma Green Belt Certification Training

## Lesson 02 – DEFINE Phase D-M-A-I-C-Agenda

1. Key Deliverables
2. DEFINE Phase: A Snapshot
3. Overview
4. Identify Customers / Stakeholders
5. Voice of the Customer (VOC)
6. Critical-To-Quality (CTQ)
7. Cost of Poor Quality (COPQ)

## Lesson 02 – DEFINE Phase D-M-A-I-C-Agenda

8. Project Charter
9. Project Metrics
10. Defects-Per-Unit (DPU)
11. Defects Per Million Opportunities (DPMO)
12. Sigma Level
13. S-I-P-O-C & C-O-P-I-S
14. Process Mapping & Flowcharting

# Syllabus of Lean Six Sigma Green Belt Certification Training

## Lesson 03 – MEASURE & ANALYZE Phase D-M-A-I-C

1.	Key Deliverables
2.	Overview of the MEASURE phase
3.	Data Types
4.	Operational Definition Worksheet (ODW) for base lining
5.	Data Collection Plan / Form (DCP / DCF)
6.	Cause-and-Effect Diagram / Fishbone Diagram
7.	Statistics
8.	Measurement System Analysis (MSA)
9.	Process Capability Indices (PCI)

## Lesson 03 – MEASURE & ANALYZE Phase D-M-A-I-C

8.	Scatter Plot / Diagram
9.	Pareto Chart
10.	Run Chart
11.	Histogram
12.	Box Plot
13.	5-WHY Analysis
14.	Hypothesis Testing
15.	Regression Analysis (An Overview)
16.	One-Way ANOVA

# Syllabus of Lean Six Sigma Green Belt Certification Training

## Lesson 04 – IMPROVE CONTROL Phase D-M-A-I-C

1.	Key Deliverables
2.	Overview : IMPROVE phase
3.	Generating creative solution ideas
4.	Tree Diagram
5.	Failure Modes & Effects Analysis (FMEA)
6.	LEANTools:- <ul style="list-style-type: none"> <li>o 5S</li> <li>o Poka-Yoke</li> <li>o Heijunka</li> <li>o Takt-time</li> </ul>

## Lesson 04 – IMPROVE CONTROL Phase D-M-A-I-C

7.	Overview: CONTROL Phase
8.	Statistical Process Control (SPC) – An Overview
9.	Causes of Variation – CCV and SCV
10.	Control Charts:- <ul style="list-style-type: none"> <li>o X-bar &amp; R-chart</li> <li>o X-bar &amp; S-chart</li> </ul>
11.	Rational Sub-grouping
12.	Process Management Charts <ul style="list-style-type: none"> <li>o Process Dashboards</li> <li>o Process Control Plan (PCP)</li> </ul>

## Format of Lean Six Sigma Green Belt Exam

Examination Format	
<b>Exam Name</b>	<b>Lean Six Sigma Green Belt Exam</b>
Exam Format	Open Book-Multiple choice
Total Questions & Duration	50 Questions, 1 hour 30 minutes
Passing Score	35/50 to pass, equivalent to 70%
Exam Cost	Included in the training fee

To get you fully prepared with the knowledge and skills for the Lean Six Sigma Green Belt examination, 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 Lean Six Sigma Master Black Belt certified faculty, the practice tests are a true simulation of the Lean Six Sigma Green Belt examination

# Contact Us

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