

CHARTERED 
INSTITUTE OF PROFESSIONAL CERTIFICATIONS

CERTIFIED LEAN SIX SIGMA BLACK BELT

**Fully Accredited
By:**

Chartered Institute of
Professional Certifications

CPD
Certification Service



PROGRAM OVERVIEW



According to a Harvard Business School study, organizations that implement Six Sigma can **reduce costs by up to 40% while boosting revenue by 10% and shortening product development time by 20%.**

This Lean Six Sigma Black Belt program is designed to help you deliver **unprecedented improvements within your organization by eliminating inefficiencies and achieving higher quality.** Led by Luca Chiasserini, highly-rated Lean Six Sigma Master Black Belt and continuous improvement leader, this program will help you analyze your operational needs, identify high-impact opportunities and rapidly implement solutions that will **build profitability and eliminate inefficiencies** in every area of your business. You will learn how to use **advanced analytical and statistical tools** that will help you create **cost intelligence and uncover root causes of wastes.** By mastering the **DMAIC process and linking them with Six Sigma principles,** you will also discover how to use enterprise speed, agility, and flexibility to drive step-change reductions in cost and enable higher efficiency across your organization. At the end of the program, you will gain a strong understanding of the enterprise business processes to lead teams, provide coaching to Green Belts and successfully implement and embed the solutions to sustain new levels of business performance using **Pull, Cadence and Zero Defects methodologies.**

Upon completion of the program, you will be awarded with the Lean Six Sigma Black Belt title, which will help you improve your professional credentials and gain recognition as a Six Sigma Black Belt professional and expert.

ACCREDITATIONS



4.8



4.6



KEY SKILLS YOU WILL GAIN

From This Program



**LEAN SIX SIGMA
OPERATIONAL EXCELLENCE
PRODUCTIVITY IMPROVEMENT
DMAIC (DEFINE, MEASURE, ANALYZE, IMPROVE & CONTROL)**

**CONTINUOUS IMPROVEMENT
VALUE STREAM MAPPING & ANALYSIS
CONTINUOUS FLOW PRINCIPLE
ZERO DEFECTS PRINCIPLE**

**ANALYZE TEAM DYNAMICS
PULL PRINCIPLES
PROCESS ANALYSIS
PROCESS CAPABILITY**

**MEASUREMENT SYSTEM ANALYSIS
SIX SIGMA IMPLEMENTATION PLAN
CADENCE PRINCIPLES
TOLLGATE REVIEW
KANBAN**

**PROCESS OPTIMIZATION
QUALITY ASSURANCE
ORGANIZATIONAL IMPROVEMENT**

YOUR FACULTY DIRECTOR



Luca Chiasserini

Lean Six Sigma Master Black Belt and Continuous Improvement Leader

Mr. Luca Chiasserini is an eminent, innovative **Lean Six Sigma Master Black Belt and Operations Manager** with extensive experience serving multi-billion-dollar global conglomerates within the FMCG, Banking, and Automotive industries.

He has a proven international history of directing successful operations and supply chain across Asia, Europe, USA, and Middle East and has **helped global companies achieve efficiency, catalyze retention, and enhance revenue**. He is also a seasoned Six Sigma Faculty Director with a proven record of **implementing robust strategies/processes using LEAN/Six Sigma methodologies to establish Operational Excellence framework**.

Lucas was previously appointed as the Head of Lean at Australia Post and Head of Process Re-engineering at National Australia Bank, Asahi Schweppes Australia and Porsche Consulting. His expertise lies in Operational Excellence, Lean Six Sigma Methodology, Agile & Human-centered Design, End-to-End Value Stream Mapping, Continuous Improvement, P&L Management, and Stakeholder Management.

OUR PARTICIPANTS

Over 70% of **FORTUNE 500**
Companies Have
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PROGRAM AGENDA



CERTIFIED LEAN
SIX SIGMA
BLACK BELT

MODULE 1: ADVANCED LEAN PRINCIPLES

Lesson 1 - Lean House
Lesson 2 - Lean Principle Continuous Flow
Lesson 3 - Lean Principle Pull
Lesson 4 - Lean Principle Cadence
Lesson 5 - Lean Principle Zero Defects

MODULE 2: THE FIRST 4 SUCCESS FACTORS FOR A LEAN IMPLEMENTATION

Lesson 6 - Overview Of The 8 The Success Factors And The Core Elements
Lesson 7 - Willingness To Start A Lean Journey
Lesson 8 - Continuous Improvement Organisation
Lesson 9 - Methods And Tools

MODULE 3: THE OTHER 4 SUCCESS FACTORS FOR A LEAN IMPLEMENTATION

Lesson 10 - Communication Plan
Lesson 11 - Training
Lesson 12 - Key Performance Indicators
Lesson 13 - Process Vision And Workshop/Project Itinerary

MODULE 4: THE LEAN JOURNEY

Lesson 14 - The Lean Journey Model
Lesson 15 - Lean Strategy On A Page And Roadmap

MODULE 5: VALUE STREAM MAPPING

Lesson 16 - Value Stream Analysis And Design
Lesson 17 - Facilitation Of A VSM Session
Lesson 18 - Design And Implement Standard Work
Lesson 19 - Standardized Work Methodology

MODULE 6: CASE STUDY PART 1

Lesson 20 - Case Study Lean Principle Continuous Flow
Lesson 21 - Case Study Lean Principle Pull, Kanban And Supermarket
Lesson 22 - Case Study Lean Principle Cadence

MODULE 7: SIX SIGMA DMAIC

Lesson 23 - The DMAIC Methodology - Define And Measure
Lesson 24 - The DMAIC Methodology - Analyze, Improve, Control

MODULE 8: CASE STUDY PART 2

Lesson 25 - Case Study VSM-VSD
Lesson 26 - Case Study Standardized Work
Lesson 27 - Case Study DMAIC



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MODULE 9: DMAIC PROGRAM STRUCTURE

Lesson 28 - DMAIC Program Structure, Project Identification And Selection

Lesson 29 - Project Charter

MODULE 10: SPONSOR

Lesson 30 - Candidate Selection And Tollgate Review

Lesson 31 - Role Of The Sponsor

EXAMINATION

YOUR CHARTER DESIGNATION



Chartered Institute of Professional Certification's programs are unique as they provide you with professional charter designation and mark that can be used across your lifetime once you have completed our programs.

After completing the program and passing the exam, you will be awarded the **Certified Lean Six Sigma Black Belt Designation** charter that can be used in your resume, CV and other professional credentials. This designation is a global trademark and industry-recognized with lifelong validity.

Globally demanded and recognized, this designation will help you distinguish your skillsets and you have attained expertise in using **LEAN/Six Sigma methodologies to establish Operational Excellence framework and integrate both Lean and Six Sigma for continuous improvement and creating performance excellence.**

ABOUT US

49,525

Business Leaders Have
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390

Certified and Fully
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Chartered Leaders Have
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CONTACT US TODAY

We Thank You for Your Ongoing Support
of Our Programs

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