



ONLINE
COURSE

LEAN SIX SIGMA BLACK BELT

BROCHURE

This eCourse was developed by experienced Master Black Belts using real life data and values to ensure you can apply the tools practically in your work environment.



DURATION

12 months eLearning
170 hours online studying



INTERNATIONALLY ACCREDITED
THROUGH IACET



CONTINUING EDUCATION
UNITS (CEU'S)

17 CEU's (*Advanced Certification*)



The
Leadership
CENTRE
DEVELOPING TOMORROW'S LEADERS

Boost your career with our Lean Six Sigma Black Belt certification

Discover how to solve problems by applying the DMAIC (Define, Measure, Analyze, Improve and Control) method. In this internationally accredited black belt six sigma eCourse, you will learn to isolate the root-cause of the most complex problems through process and data analysis and lead change by learning to sense the human aspect of corporate challenges.

Apply Change Leadership principles and tools to promote stakeholder management and effective communication which is a vital component of becoming a certified Lean Six Sigma Black Belt.

Our Lean Six Sigma Black Belt Online course is complete with engaging visual content, simulations, real-world case studies and progressive learning stages that are controlled by tollgates where you must complete quizzes to progress to the comprehensive exams. You can study at your own pace and in your own time.

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eCOURSE INCLUDES

- 12 months access
- Lean Six Sigma Black Belt eBook per phase
- Lean Six Sigma Black Belt Six Sigma Template Toolkit
- Instructor-led Videos
- Voice-over Narrations
- Simulated Project
- SigmaXL License
- Online quizzes
- Online exam per phase
- International Certification

KEY OUTCOMES

On completion of this eCourse, you will be able to:

- Apply the Lean Six Sigma DMAIC approach to problem solving.
- Determine the Voice of the Customer (VOC).
- Apply statistical analysis to determine the relationship between key inputs and process outputs.
- Identify and apply skills in project management, process management, lean, change management, and statistical analysis.
- Evaluate and Close out projects upon completion.
- Propose projects to peers, managers and senior leadership.
- Apply methods learned in the DMAIC process to business issues.
- Use controls to sustain gains.
- Manage team dynamics.
- Navigate statistical analysis software (SigmaXL).

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CERTIFICATION

There are 3 options for certification:

Basic Certification (Level 2):

Pass each phase of the exam with 80%.

Standard Certification (Level 3):

Complete all assignments, pass each phase of the online exam with 80%, complete your simulated project.

Advanced Certification (Level 4):

Complete all assignments, pass each phase of the online exam with 80%, complete one workplace improvement project.

STANDARD CERTIFICATION (LEVEL 3)

Course CEU's	Hours
Pre-Course Work	
Reading/Assignments	0
Assessments	0
<i>Total hours</i>	<i>0</i>
Post Course Work	
Homework	15
Assignments/Simulated Project	20
Coaching	7
Exam	7
<i>Total hours</i>	<i>42</i>
Course Duration	
<i>Total hours</i>	<i>118</i>
Total hours	160
CEU's	16

ADVANCED CERTIFICATION (LEVEL 4)

Course CEU's	Hours
Pre-Course Work	
Reading/Assignments	0
Assessments	0
<i>Total hours</i>	<i>0</i>
Post Course Work	
Homework	15
Assignments/Own Project	30
Coaching	7
Exam	7
<i>Total hours</i>	<i>52</i>
Course Duration	
<i>Total hours</i>	<i>118</i>
Total hours	170
CEU's	17

ACCREDITATION

Internationally Accredited through IACET



LEAN SIX SIGMA BLACK BELT ROADMAP



TOOLKIT

From our experience we have assembled a Lean Six Sigma Toolkit. This toolkit assists practitioners in keeping focus on their project work and not creating “templates”. The Toolkit includes templates for each phase of the Lean Six Sigma DMAIC methodology.

TEMPLATE TOOLKIT INCLUDES

- Critical to Quality (CTQ) Chart
- Dashboard Measurement Plan
- Data Collection Plan
- DMAIC Project Plan
- 5 Why's
- Failure Modes and Effects Analysis (FMEA)
- Force Field Diagram
- Implementation Plan – Detailed
- Implementation Plan – High Level
- Define Tollgate Presentation
- Measure Tollgate Presentation
- Analyse Tollgate Presentation
- Improve Tollgate Presentation
- Control Tollgate Presentation
- Pilot Plan
- Process Monitoring Plan
- Process Value Analysis
- Project Charter
- Project Storyboard
- Quick Win Identification
- Response Plan
- Sigma Calculation
- SIPOC
- Solutions Benefits & Implications
- Solutions Prioritisation Matrix
- Solutions Selection Matrix
- Stakeholder Identification
- Stakeholder Management Plan
- Stakeholder Map
- Standardised Procedures
- Team Meeting Agenda
- Team Profile
- Voice of the Customer (VOC) Research Plan
- X/Y Matrix

GET IN TOUCH

Should you have any queries, please contact us at The Leadership Centre.

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HAPPY LEARNING

The Leadership Centre Team

