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QQI Certified Level 5 Lean Green Belt

Remote or Online Learning

QQI Certified

Exclusive Learning Content

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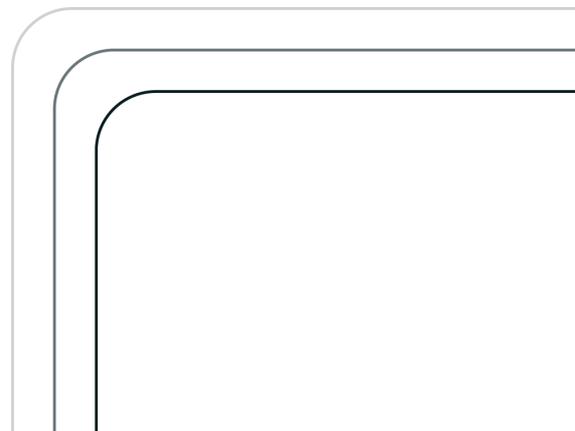
Welcome

This QCI-accredited Lean Six Sigma Green Belt course is designed to help you optimise processes, reduce costs and improve quality.

After successfully completing the course and assessments, you will be awarded with 2 certifications: DCM Learning Lean Six Sigma Green Belt and a QCI Level 5 Certificate in Lean Manufacturing Tools.

We are CPD-certified, QCI-accredited, and ICOES-accredited, ensuring our courses meet rigorous industry standards for quality and relevance. Trust us to deliver high-quality training for your professional growth.

Accredited by:



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Become a Certified Lean Green Belt Practitioner

Course overview

Who is this professional certification for?

The QQI Lean Green Belt is ideal for professionals seeking to enhance efficiency, streamline processes, and lead impactful improvement projects. Suitable for all levels, it equips you with practical tools to drive innovation and achieve business goals.

What will you gain?

- A comprehensive understanding of Lean principles and process improvement tools.
- The ability to identify and eliminate waste to enhance operational efficiency.
- Practical skills to lead and implement successful Lean projects.
- A QQI-accredited certification to advance career prospects in process improvement.

What will you learn?

By earning this certification, you will be able to:

- The core principles and methodologies of Lean process improvement.
- How to identify and eliminate waste in workflows.
- Techniques for mapping and analysing processes for efficiency.
- Tools for problem-solving and root cause analysis.
- Strategies for leading and managing Lean projects effectively.
- Best practices for sustaining improvements and fostering a culture of continuous improvement.

Modules

The QQI Lean Green Belt follows the DMAIC methodology—Define, Measure, Analyze, Improve, Control—to guide learners through a structured approach to process improvement. Each module builds on the previous, covering key concepts and sustaining improvements.

- 1 Define
- 2 Measure
- 3 Analyse
- 4 Improve
- 5 Control

Module 1

Define

This module focuses on setting the foundation for process improvement projects. Learners will develop a Project Charter, conduct Stakeholder Analysis, and use tools like the House of Quality to capture the Voice of the Customer (VOC).

Key topics include identifying Critical to Quality (CTQ) requirements, verifying CTQs, and creating Hi-Level Process Maps to visualize workflows.

Topics Include

- Project Charter
- House of Quality and Stakeholder Analysis
- Voice of the Customer (VOC)
- Critical to Quality Requirements (CTQ)
- Verifying CTQs
- Hi-Level Process Mapping

Module 2

Measure

This module emphasizes understanding variability and establishing accurate measurement processes. Learners will explore measurement basics, create a measurement plan, and conduct Measurement System Analysis (MSA).

Key topics include defining data sources, measuring yield and process performance, and implementing a robust measure plan to ensure reliable data collection.

Topics Include

- Understanding Variability
- Measurement Basics
- Measurement Process and Plan
- Measurement System Analysis (MSA)
- Data Definition and Sources
- Measuring Yield and Process
- Implementing the Measure Plan

Module 3

Analyse

In this module, learners will delve into data analysis techniques to uncover the root causes of process issues. Topics include creating Run Charts, Frequency Charts, and conducting Pareto and Value Stream Analyses.

Tools like Root Cause Analysis and the 5 Whys will be used to identify and address process complexities effectively.

Topics Include

- Data Analysis
- Run Charts and Pareto Analysis
- Frequency Charts
- Value Stream Analysis
- Complexity=Root Cause Analysis
- 5 Whys

Module 4

Improve

This module focuses on driving improvements using Lean principles and brainstorming techniques. Learners will explore Kaizen for running improvement events, apply Change Management strategies to ensure successful implementation and use Force Field Analysis to evaluate and manage the forces affecting change.

Topics Include

- Brain Storming & Lean Principles
- Kaizen: How to run improvements and events
- Change Management
- Force Field Analysis

Module 5

Control

In this module, learners will focus on sustaining improvements through essential documentation like Standard Operating Procedures (SOPs).

Key topics include Mistake Proofing (Poka Yoke), using Statistical Process Control to monitor performance, conducting GEMBA Walks for continuous observation, and utilising Lean Six Sigma Scorecards to track progress and maintain control.

Topics Include

- Simple and necessary documentation (SOP's)
- Mistake Proofing / Poka Yoke
- Statistical Process Control
- GEMBA Walks
- Lean Six Sigma Score Cards

How will you be assessed

The assessment for the QQI Level 5 Lean Green Belt Course is designed to measure your understanding and application of Lean principles and practices.

To pass and earn your certification, you must:

- 1** Actively participate in all scheduled live or self-paced course activities, discussions, and exercises.
- 2** The course includes two assessments. The assessment consists of a skills demonstration project worth 60% and a written essay worth 40%. A work-based project will be better analysed through the use of Six Sigma tools such as Fishbone Diagrams and Cause and Effect Analysis.
- 3** Depending on when you submit your assessments, you will receive your provisional results 8 weeks after submission. After receiving your results, you should receive your certification within 3-4 weeks.

How will you learn

The QOI Level 5 Lean Green Belt Course offers two flexible learning options:

Option 1: Remote Classroom Learning

- Delivered live over three consecutive days from 9:30AM - 3:30PM each day
- Led by our expert trainer in a dynamic virtual classroom alongside like-minded learners.

	Dates	Platform
Feb	11th - 14th	via Zoom
April	17th - 10th	via Zoom
July	15th - 18th	via Zoom
Sept	15th - 18th	via Zoom
Nov	11th - 14th	via Zoom

Option 2: Online Self-Paced Learning

- Study at your own pace with pre-recorded, self-study videos.
- Access live Q&A sessions hosted by your trainer.
- Ideal for those who prefer a flexible schedule and want to learn independently with high-quality resources.

How will you be supported

Our students receive comprehensive support throughout their learning journey. From the start, you'll become part of a vibrant, welcoming community of support staff, expert trainers and fellow learners.

Our Community Support Includes:

- **Networking Opportunities:** Connect with like-minded professionals, expanding your network within the industry.
- **Lifetime Access:** Enjoy lifetime access to all course materials, allowing you to revisit content and stay updated long after completing the course.
- **Comprehensive Learning Materials:** Benefit from high-definition video lectures, downloadable resources, and practical exercises to enhance your learning experience.

Your gateway to the industry

The QQI Level 5 Lean Green Belt Course is your path to becoming industry-ready. This course equips you with the essential skills and knowledge to thrive as a Lean Practitioner, highly valued by employers across industries.

How We'll Prepare You:

- **Lead successful Lean projects:** As a QQI Lean Green Belt, you will be equipped to lead and manage Lean projects, driving measurable improvements in efficiency, cost reduction, and quality. You will be able to guide teams through each stage of the DMAIC process, ensuring successful project outcomes.
- **Apply Lean tools and methodologies:** You will gain the expertise to apply key Lean tools such as Value Stream Mapping, 5S, Kaizen, and root cause analysis to identify inefficiencies, reduce waste, and optimise processes within your organisation, ensuring sustainable improvements.
- **Enhance career opportunities:** With a QQI-accredited certification, you'll be recognised for your expertise in process improvement and Lean management. This certification opens doors to new roles and career advancement in industries that prioritise efficiency, quality, and continuous improvement.

About us

DCM Learning is a leader in workplace education, dedicated to empowering professionals across industries to achieve career success and drive organisational growth. With years of expertise, we've set the standard for professional development, transforming how individuals and teams learn and perform.

Our learners thrive in our dynamic, supportive environment.

4.9 ★★★★★

Google Reviews (48 reviews)

Mary Egan

"I enjoyed completing my course with DCM. They were very helpful and answered my questions very promptly."

Iury Monteiro

"Great sales support and excellent course structure. Deep level of knowledge shared with practical examples and activities."

Our alumni have gone on to work with some of the world's most successful organisations.



Become a QQI Lean Green Belt Today

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