



Professional Diploma in Quality Management, Lean Systems

Programme Overview

Lean is a set of management strategies and tools geared to improve process flow while eliminating waste and improving quality.

This Lean Black Belt course aims to develop participants' process improvement skills, and will provide education and practical application to a Black Belt level in Lean. A company-based project will form a key element of the programme, ensuring the integration of the various concepts in the participants' workplace.

1 year part-time
(Online)

Participants learn to:

- Understand both theory and practical application of quality management tools and techniques to improve operational outcomes and efficiency.
- Apply Lean methodology to help organisations improve performance by systematically removing waste.
- Support performance and production goals across a variety of industry sectors in both manufacturing and services, including the public sector.

Programme Content

This course is delivered fully online. Students are required to take three taught modules and complete an in-company project over two semesters, ensuring a strong focus on the integration of the concepts, tools and techniques in the participant's organisation during the course of the programme.

Semester 1	Semester 2
<ul style="list-style-type: none">Lean Thinking/Lean Tools 1Leadership and Change Management	<ul style="list-style-type: none">Lean Thinking/Lean Tools 2Lean Project/Lean Healthcare Project

The industry-based project, to be reported in the form of a management report, will require the application of the concepts covered throughout the programme. It will also carry an expectation of helping participant organisations realise a major benefit (quantifiable in terms of reduction or saving in; defects, over-production, waiting, non-utilised talent, transportation, inventory, motion, and/or extra-processing).

Further Qualifications

This level 9 Professional Diploma counts as 30 credits toward a Masters in Engineering Practice or a Masters in Strategic Management, Lean Sigma Systems. For more details visit the [Masters in Engineering Practice webpage](#) and the [MSc in Strategic Quality Management, Lean Sigma Systems webpage](#).

Entry Requirements

Programme participants should hold a NFQ level-8, primary degree in any discipline or an equivalent qualification and have at least three years of relevant work experience. Where an applicant does not meet the entry requirements above, an offer of a place on the programme may be made in exceptional circumstances, where the candidate provides a portfolio of evidence to support prior learning, and the application of learning or competence in the area.

Further Information

Candidates meeting Springboard+ criteria may qualify for funding subject to places.. To learn more about the Professional Diploma in Quality Management, Lean Systems and how to apply: scan the QR code.

Contact Us

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