

Specialist Diploma in Quality Management, Lean Systems

Science & Engineering

COURSE PROFILE

Award	Specialist Diploma
Qualification	NFQ Level 9, Minor award, 30 Credits
Delivery	Part-Time, Online, Distance Learning, On-Campus Tutorials
Duration	9 months
Start Dates	January and September
Faculty	Science & Engineering

OVERVIEW

Lean is a set of management strategies and tools that is 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.

FOR WHOM:

- This programme is aimed at managers, engineers, supervisors and technicians who have responsibility for quality or continuous improvement within their organisations and also those who wish to develop knowledge and skills in the area of Lean systems.
- Those responsible for or actively engaged in organisational improvement and development through the use of quality management tools and techniques.
- Those who wish to seek recognition as a Black Belt in Lean.

HOW IT WORKS:

- Students take three taught modules over two semesters. In addition, the work based black belt project will have a strong focus on the integration of the concepts tools and techniques within participants' organisations.
- Course delivery combines traditional distance education with online learning and approximately three on-campus days per semester.
- Contributions from industry/professional experts linking theory to practice.

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.

LEAN PROJECT

Completion of this programme requires a substantial industry-based project, to be reported in the form of a management report. Projects require the application of the concepts covered throughout the programme and carry an expectation of helping participant organisations realise a savings benefit of approximately €50,000 or other equivalent savings to the company'

COURSE CONTENT

SPECIALIST DIPLOMA IN LEAN SYSTEMS

SD IN LEAN SYSTEMS MODULES

Autumn

1. Lean Thinking/Lean Tools 1
2. Leadership & Change Management

Spring

3. Lean Thinking/Lean Tools 2
4. Lean Project/ Lean Healthcare Project

FURTHER QUALIFICATIONS



Specialist Dip. in Lean Systems



Specialist Dip. in Six Sigma



Enterprise Improvement Project



MSc Qualification

The Specialist Diploma in Lean programme forms part of the MSc. in Strategic Quality Management Lean Sigma Systems. Those who have completed this programme may continue on with a second specialist diploma and enterprise improvement project to qualify with an MSc Master Black Belt in Lean Sigma Systems.

PROGRAMME FEES

The current fees for this programme are €5250 and are payable in instalments. For information about payment options and how to pay online, contact the Fees Office at UL on +353 61 202 026, or email: student.fees.office@ul.ie.

HOW TO APPLY

Applicants are encouraged to apply online for this programme. Visit www.ul.ie/gps/quality-management-lean-systems-specialist-diploma. The 'how to apply' button contains full details on the documents you need to gather before you begin your application. There is a €35 application fee.



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

VIEW THE FAQs

Prospective students are encouraged to read our FAQs at www.ul.ie/ulearning/faqs-and-student-support.

FOR ADDITIONAL QUERIES

Email ulearning@ul.ie or call +353 61 213 360