



# 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	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:

- The Diploma 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.
- Are responsible for or actively engaged in organisational improvement and development through the use of quality management. tools and techniques.
- Seek recognition as a Black Belt in Lean.

## HOW IT WORKS:

- This flexible programme lets students take three taught modules over two semesters. In addition to the taught modules, there will be a strong focus on the integration of the concepts tools and techniques in the participant's organisation during the course of the programme.
- Course delivery combines traditional distance education with online learning and approximately three on-campus days per semester.
- Talks by industry/professional experts who will deliver a seminar 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 verified savings benefit of approximately €75,000.

## 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 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 61 213 007, or email: [student.fees.office@ul.ie](mailto:student.fees.office@ul.ie).

## HOW TO APPLY

Applicants are encouraged to apply online for this programme. Visit [www.ul.ie/ulearning](http://www.ul.ie/ulearning) and click on the online applications page. This page also contains full details on the documents you need to gather before you begin your application. There is a €25 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/faq.html](http://www.ul.ie/ulearning/faq.html).

### FOR ADDITIONAL QUERIES

Email [ulearning@ul.ie](mailto:ulearning@ul.ie) or call +353 61 213 360