LEAN SIGMA MANAGER - MSc

The Irish Centre for Business Excellence (ICBE) has partnered with the University of Limerick (UL) to deliver Ireland's first apprenticeship at level 9 (MSc): The Master of Science in Strategic Quality Management – Lean Sigma Systems.

Developed by industry for industry, this is a work based education programme which supports the development of the Lean & Sigma knowledge base amongst practitioners in organisations. It combines learning in the workplace with learning in a higher education institute. Graduates of this programme will be considered Master Black Belts in Lean and Six Sigma.

Apprenticeship	Lean Sigma Manager
NFQ level	9 Masters Level
Qualification on completion	Masters of Science in Strategic Quality Management – Lean Sigma Systems
Duration	2 years
Industry Lead	Irish Centre for Business Excellence ICBE
Education Provider Delivery	University of Limerick Blended delivery Benchmarking visits to practitioner sites Peer to peer learning community of practice Applied learning through projects
Applications By	July 8th for a September start (August Induction) December 1st for a January start

For Professionals who:

- Are responsible for or actively engaged in organisational improvement and development through the use of quality management

- Wish to develop a comprehensive understanding of the theory and practical application of quality management tools and techniques

- Are continuously exploring ways to bring new technologies into the organisationin order to enhance delivery and keep costs low. Understands the impact of digitization and automation

- Seek recognition as a Master Black Belt in Lean and Six Sigma

- Have a degree or considerable industrial experience in the field

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Benefits to the Employer

- Developed by industry for industry
- Improves staff retention and productivity
- Addresses and tackles skills shortage
- Government subsidized qualifications

Benefits to the Apprentice

- Gain a Masters qualification while working
- Develop career enhancing skills
- Learn best-practice from other organisations
- Excellent career progression prospects

How it Works

This two year programme is structured for blended delivery of online learning and face to face sessions which minimizes time 'off the job'. It includes:

- Eight days per year for taught elements and project support workshops. These are via blended delivery.

- A strong emphasis on directed project work allowing participants to spend more time applying the learning concepts in the context of their own organization. This includes the completion of an Enterprise Improvement Project.

- A dedicated project coordinator to support participants

- Benchmarking visits to companies who demonstrate excellence in processes and business functions applicable to the programme

- Participation in a 'Community of Practice'. This will allow participants to interact and engage in peer-to-peer learning activities around the academic content.

- Support from an Industry Mentor within the company throughout the apprenticeship.

Course Content

YEAR 1
LEADERSHIP & CHANGE MANAGEMENT
LEAN THINKING & LEAN TOOLS 1
LEAN THINKING & LEAN TOOLS 2
LEAN SYSTEMS PROJECT
COMMUNITY OF PRACTICE

YEAR 2
PROBLEM SOLVING TOOLS & TECHNIQUES
QUALITY SCIENCE INTRODUCTION
QUALITY SCIENCE ADVANCED
SIX SIMGA PROJECT
ENTERPRISE IMPROVEMENT PROJECT
COMMUNITY OF PRACTICE

Entry Criteria

- Employers must be approved by UL & SOLAS and commit to support the apprentice throughout the programme.

- Programme participants should hold a NFQ level 8 at minimum level 2.2 in a relevant area. Applicants who have completed a level 8 apprenticeship in a related field are also eligible to apply.

- Applicants with a lower qualification may also be considered provided they can prove to have considerable industrial experience as well as evidence of the ability to study at Masters Level.

ENGINEERING

For further information on how to apply email
apprenticeships@ul.ie T: Philomena Kelly 083-3505399
www.ul.ie/gps/apprenticeships | www.icbe.ie

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ICBE IRISH CENTRE FOR BUSINESS EXCELLENCE

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SOLAS
An tSeirbhís Oideachais Leanúnaigh agus Scileanna
Further Education and Training Authority