

Virtual Online - Lean Six Sigma Green Belt



In a nutshell

A Personal Learning Account is a new initiative from the Welsh Government. It is a free and flexible way to learn. The initiative will offer people the chance to access free, part-time courses that offer flexible and convenient learning around their existing lifestyle.

In gaining your Lean Six Sigma Green Belt certification, you will be equipped with the skills and techniques needed to be able to confidently improve the quality and processes within an organisation.

This course is for...

...anyone over 19, living in Wales.

...anyone in employment and earning less than £26,000 a year.

...anyone who wants to improve their skills and techniques needed to be able to confidently improve the quality and processes within an organisation.



COURSE INFORMATION LEAFLET

Course content

The course includes:

Lean Six Sigma Fundamentals

What is Lean Six Sigma?

Process Flow and Value Stream Mapping

Muda, Mura and Muri – The three diseases of Processes

The Seven Wastes

Voice of the Customer (VoC) and CTQs

Cost of Poor Quality

Fundamentals Quiz

Define Phase

Problem Definition

Project Selection

Business Case

Project Charter

Measure Phase

Project Discovery

Six Sigma Statistics

Measurement System Analysis

Process Capability

Analyse Phase

Inferential Statistics

Correlation and Regression Analysis

Analyse Phase Quiz

Introduction to Hypothesis Testing

Improve Phase

Lean Tools for Improvement

Implementation Strategies for Improvements

Control Phase

Statistical Process Control (SPC)

Control Charts

Improve and Control Phases Quiz

Mock exams

DoE (Design of Experiments)

Revision and Rework of Mock Exam Questions

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COURSE INFORMATION LEAFLET

There will be a Lean Six Sigma (Green Belt) Exam.

Entry Requirements

There are no formal requirements, but you'll need a keen interest in the subject.

Additional information

Candidates who hold Lean Six Sigma qualifications are highly sought-after by many organisations as they are specially trained to help businesses save costs, improve efficiency, reach business solutions as well as ensure greater customer satisfaction while implementing quality control processes.

This course is for three months.

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