

Lean Six Sigma Yellow Belt

Theory & Practical
2 Days



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Course Overview

Lean Six Sigma (LSS) uses data to identify and eliminate waste within processes. More than a set of tools, Lean Six Sigma is a systematic approach to improve the way products and services are developed, produced, delivered, and consumed. It is a proven process that improves performance and profits based on critical thinking, data identification, and guided analysis.



Course Content



Day 1:

- Fundamental Lean and Six Sigma principles
- The benefits of blending the two in a unified approach
- The DMAIC methodology
- Project targeting criteria
- What makes a great Lean Six Sigma project? Lean
- Six Sigma concepts and tools
- Key elements of successful Lean transformation
- Project selection
- Team roles

Day 2

- Voice of the Customer (VoC)
- Value Stream Mapping
- Value-Add versus Non- Value-Add
- Root Cause Analysis
- Fishbone Diagrams
- Lean Flows & Work Cells
- 5S's(Sort, Straighten, Shine, Standardise & Sustain)
- Visual Tools
- Capacity and Bottlenecks

- The course is compliant with ISO 18404 standards.

Learning outcomes



On completion of the course, you will be able to:

- List the basic tools and principles that underlie the Lean Six Sigma improvement model
- Identify opportunities to improve a process
- Define project improvement goals
- Identify how to plan for and conduct data collection to uncover root causes
- Describe how to verify root causes of process issues
- List how to implement simple but effective improvement techniques and concepts
- Identify how to sustain the gain of process improvements

- The course is compliant with ISO 18404 standards.

Exam Structure



The purpose of this exam is to verify that you have gained the necessary Yellow Belt skills, knowledge and competencies.

Yellow Belt Exam

- Exam format: Multiple-choice, Online, proctored exam.
- Duration: 30-minutes.
- Number of questions: 32.
- Pass mark: 24/32 (65%).

Exam Requirements

- Photo ID (Passport, Driving Licence)
- Laptop or PC with internet connection, Webcam and Microphone
- You must be alone and not have any study materials around you (This will be checked by the examiner, before your exam starts)

Scheduling for your exam can be booked up to 3 days after registering with ProctorU. Full instructions will be provided upon redeeming your exam voucher.

We recommend taking the CEPAS Lean Six Sigma Yellow Belt Certification Exam within the first 6 weeks after your course completion date.



Awarded by

Certified Course with the process to gain certification:

- Complete the course
- Sit an exam at the end of the course – Theory
- Be involved in and complete the case study during the week – Practical

Internationally recognized CEPAS certification meeting the ISO 18404:2015 standard.

ARE ANY FINANCIAL OPTIONS PROVIDED?

- 0% Interest Free payments available.





Career Path?

- Business Analysts
- Project Managers
- Product Line Managers
- Production Supervisors
- Process Improvement Specialist





Who's it for

Business Professionals in both Service and Manufacturing Industries.

Job titles associated to this module are typically (but not limited to):

- Lean Engineer
- Process Technician
- Quality Control Analyst
- Senior Shop floor Operators
- Production Control Planner
- Process Improvement Co-ordinator
- Business Improvement Co-ordinator
- Service and Call Centre Support



Questions or comments?

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