

LEAN SIX SIGMA FULL CERTIFIED GREEN BELT

Lead Improvement Projects Effectively

PMI's Lean Six Sigma Full Certified Green Belt training teaches the tools and techniques of process improvement within a structured methodology.

Delegates share their experiences of application as the training proceeds and they leave with an understanding of the importance of appropriate team processes in achieving and maintaining the improvements.

PMI's Lean Six Sigma Full Certified Green Belt training ensures you will:

- Understand your role in leading and supporting Lean, Six Sigma, process improvement, variability reduction and standardisation
- Apply the approach with individuals and cross-functional teams in the workplace and improvement projects
- Challenge the current practices across the organisation to create sustainable change
- Understand advanced Lean to remove waste from your processes
- Understand tools for displaying, analysing and reducing variation
- Start developing your personal learning in leading, participating and supporting process improvement and be aware of some wider issues in your organisation.

The best from Lean and Six Sigma

This two module programme teaches the best process improvement, Lean and Six Sigma tools/methods and their application using our powerful Improvement Cycle.

Suitable for anyone looking to generate business improvements in areas such as customer satisfaction, service delivery, cost control, process performance, new product introduction to name but a few.

Understanding why and how things vary is at the heart of our approach; empowering you to make informed decisions when tackling change.

What's Included?

- Pre-course webcast
- 10 days of classroom training
- 12 month access to the Online Yellow Belt & the Lean Essentials Series
- 12 month access to the Essential Tools for Improvement Series
- A copy of The Process Manager Plus
- Online Green Belt e-Exam
- A follow-up project status review call.

WAYS TO EXPERIENCE THIS COURSE:



In-house



Custom

How long does it take?

2 modules of 5 days split by about a month.

What are the benefits?

- Gain a thorough foundation for improving and managing work processes
- Be equipped to provide guidance and advice to improvement teams
- Be able to lead or participate effectively in improvement projects
- Build facilitation skills to enable effective and sustainable improvement.

Who should attend?

Managers and staff involved in business improvement at all levels and functions of any organisation.

How can I do it?

Either as an in-house programme in your company or organisation OR as part of our public training programme

The public schedule operates throughout Europe and the Middle East. Visit our website for the latest locations and dates.



The course is accredited by the University of Warwick; successful graduates from this course may apply for 10 credits to contribute towards the MSc in Management for Business Excellence delivered by WMG.

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AFTER COMPLETING THE WEBCAST

- Select a Project
- Create Project Charter
- Complete e-Learning: Essential Tools: Flowcharts & SIPOC

AFTER COMPLETING WEEK 1

- Lead Own Project
- Complete e-Learning: Essential Tools: Standardisation, DPMO, Mistake Proofing, Advanced Flowcharts & SIPOC

AFTER COMPLETING WEEK 2

- Lead Own Project

AFTER THE COURSE

- 30 multiple choice questions in 1 hour

Selecting a Project

Focused projects are the engines of all improvement programmes. Ideally they should be selected as a result of analysis of the whole system, in the context of the strategic goals and current vital issues.

Each project should be supported by a senior management sponsor, and they should lead the selection of the project team.

The sponsor (or champion) should oversee the implementation of the project, helping the Green Belt to overcome organisational barriers and keeping open the communication with the steering team and other projects.

WEEK 1

PRINCIPLES OF IMPROVEMENT	DEFINING A PROCESS	CUSTOMERS & MEASURES	VOICE OF THE PROCESS	LOCK IN THE IMPROVEMENTS
<ul style="list-style-type: none"> • Introduction to business improvement • Introduction to System of Profound Knowledge • Systems and process thinking • PDSA, DMAIC • Improvement cycle • Team exercise • Project scoping 	<ul style="list-style-type: none"> • Chartering projects • Teams and facilitation • SIPOC • Contracting projects • Process mapping • Simulation • Streamlining processes (8 Wastes) • Workspace organisation (5S) 	<ul style="list-style-type: none"> • Simulation • Voice of the customer • Operational definitions • Measures • Project work 	<ul style="list-style-type: none"> • Data collection • Run charts • Histograms • Control Chart foundations (ImR) • Project work • Project presentations • Simulation 	<ul style="list-style-type: none"> • Investigating assignable cause variation • Using PDSA for evaluating improvements • Simulation • Process standardisation • Visual management • Course review

WEEK 2

REVIEW AND VSM	INVESTIGATING WASTE	INVESTIGATING VARIATION	DEVELOPING SOLUTIONS	IMPLEMENTATION
<ul style="list-style-type: none"> • Week 1 review • Value Stream Mapping • Simulation 	<ul style="list-style-type: none"> • Investigating sources of waste (Process redesign, layout design, creating flow, work balancing) • Project presentations • Simulation 	<ul style="list-style-type: none"> • Capability • Loss functions • Simulation • Investigating sources of variation (Pareto, Stratification, Scatter, Cause/Effect, 5 Whys) • Root cause analysis 	<ul style="list-style-type: none"> • Measurement variation • Testing theories and study • Idea generation techniques • Simulation 	<ul style="list-style-type: none"> • Implementation and change management • Contingency planning • Handover process to everyday Management • Simulation

Taking your performance to the next level

“It is a great way to gain understanding about how an organisation should be addressing it’s problems and increasing it’s efficiency”

PMI delegate