

# LEAN SIX SIGMA FOUNDATION GREEN BELT

Lay the best possible foundations for improvement

This programme provides a thorough understanding of the fundamental tools, techniques and project management structure for delivering Lean Six Sigma improvements. Your prime focus will be on identifying, understanding and eliminating variation and waste in business processes enabling you to deliver value from the first day back in the office.

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

- Lay the foundation for understanding Lean Six Sigma and your role in leading and supporting improvement projects
- Apply the approach with individuals and small teams in the workplace and improvement projects
- Challenge the current team practices and offer alternatives by developing a mindset of continual improvement
- Understand techniques for identifying and removing waste from processes
- Start developing your personal learning in leading, participating and supporting process improvement.

## The fundamentals from Lean and Six Sigma

This course covers the fundamentals of Lean, Six Sigma and process improvement to allow the delegates to gain the necessary understanding of improvement project methodology.

The Foundation Green Belt is ideal for delegates who want to be able to lead smaller projects within their own departments or areas of responsibility.

## How is this different to the Fully Certified Green Belt?

Full Green Belts are able to lead much larger projects across departments and functions. They are also able to apply more advanced tools for understanding and eliminating both variation and waste as well as more sophisticated change management skills.

## What's Included?

- Pre-course webcast
- 5 days of classroom training
- 12 month access to the Essential Tools for Improvement Series and the Online Yellow Belt
- A copy of The Process Manager Plus
- A follow-up project status review call.

## WAYS TO EXPERIENCE THIS COURSE:



Public



In-house



Custom



Boot Camp

## How long does it take?

1 module of 5 days

## What are the benefits?

- Learn how to identify waste and initiate a project for waste elimination
- Develop the mindset of continual improvement
- Be able to understand and measure work as a process
- To be able to understand and apply Lean tools and techniques in a variety of complex environments.

## 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.

Visit our website for the latest locations and dates.

Discover more, visit [www.pmi.co.uk](http://www.pmi.co.uk) or call +44 (0) 1676 522 766



### INTRODUCTION WEBCAST

#### AFTER COMPLETING THE WEBCAST

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

### WEEK 1 CLASSROOM (5 DAYS)

#### AFTER COMPLETING WEEK 1

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

### ARRANGE PROJECT STATUS CALL

#### WHAT'S NEXT?

The modular structure means you can go on to complete the extra 5 days to become a fully certified Green Belt at a future date.

## WEEK 1

### PRINCIPLES OF IMPROVEMENT

- Introduction to business improvement
- Introduction to System of Profound Knowledge
- Systems and process thinking
- PDSA, DMAIC
- Improvement cycle
- Team exercise
- Project scoping

### DEFINING A PROCESS

- Chartering projects
- Teams and facilitation
- SIPOC
- Contracting projects
- Process mapping
- Simulation
- Streamlining processes (8 Wastes)
- Workspace organisation (5S)

### CUSTOMERS & MEASURES

- Simulation
- Voice of the customer
- Operational definitions
- Measures
- Project work

### VOICE OF THE PROCESS

- Data collection
- Run charts
- Histograms
- Control Chart foundations (ImR)
- Project work
- Project presentations
- Simulation

### LOCK IN THE IMPROVEMENTS

- Investigating assignable cause variation
- Using PDSA for evaluating improvements
- Simulation
- Process standardisation
- Visual management
- Course review

### WHAT'S NEXT?

Become a certified Green Belt with an extra 5 days of classroom training covering:

- VALUE STREAM MAPPING
- INVESTIGATING WASTE
- INVESTIGATING VARIATION
- DEVELOPING SOLUTIONS
- IMPLEMENTATION.

### Taking your performance to the next level

"This course is a real eye opener, it made me think about what I do on a day to day basis in a different way."

PMI delegate

### 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.

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