

# Lean Green Belt

This advanced workshop prepares participants to lead Lean improvement projects through process analysis, team leadership, and data-driven methods to reduce variation and achieve sustainable results. Completion of the exam and project earns Lean Green Belt certification.

## Who is this Course For ?

This Lean Green Belt workshop is ideal for:

- **Individuals** who have completed Lean Yellow Belt training or have a basic understanding of Lean principles.
- Supervisors, engineers, project managers, quality professionals, and continuous improvement specialists.
- **Employees** ready to move from supporting Lean initiatives to leading Lean projects.
- **Professionals** looking to strengthen their problem-solving, process improvement, and team leadership skills.
- Anyone responsible for managing or facilitating Lean projects within their department.

## Learning Objectives

By completing this workshop, participants will be able to:

### Analyze and Improve Processes

- Identify root causes of inefficiencies and quality issues.
- Use Lean tools to streamline workflows and reduce process variation.

### Lead Lean Projects with Confidence

- Plan, lead, and manage Lean project teams.
- Facilitate effective team collaboration and problem-solving.

### Apply Lean Tools in Real Business Contexts

- Create process and value stream maps to visualize improvement opportunities.
- Conduct waste analysis and implement practical solutions for measurable impact.

### Build Strategic Improvement Skills

- Apply Lean techniques to achieve long-term, sustainable results.
- Strengthen leadership, communication, and project management capabilities essential to driving change.

## Agenda

- Lean Thinking
- Six Sigma
- Voice of the Customer
- SIPOC
- Project Charter
- Process Mapping
- The 8 Wastes
- Lean Tools
- Improving Flow
- Reducing Variation
- Kaizen Events
- Value Stream Mapping
- Team Management
- Project Management
- Change Management

## Course Materials

- Program workbook and handouts
- Tools and templates
- Lean Thinking Training video
- Kaizen Training video
- Project Management Training video

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