

# The Lean Manufacturing Certificate Program

This **essential program** provides manufacturing & service professionals with fundamental tools and indispensable knowledge to implement Continuous Improvement in their workplace. Participants will master the critical steps they can take to assure dramatic, continuing improvements. We hold the program on-site at local companies so that a combination of classroom and “shop floor” learning can take place.

## National Lean Certification

In order to better prepare our students for the National Lean Certification Bronze Level exam, GBMP has partnered with SME to reorganize & enhance our 8-day lean manufacturing certificate program. Upon completion of the course, students will have a comprehensive understanding of the principals & philosophies which drive Continuous Improvement & Lean Manufacturing.

## Program Overview

*(meets once a week for 8 weeks)*

**Day One:** Introduction to Continuous Improvement

**Day Two:** Stability, Problem Solving, 5S, Visual Controls & TPM

**Day Three:** Continuous Flow & Kanban

**Day Four:**  
Standardized Word, Heijunka & Set up reduction

**Day Five:** Jidoka, QC Tools, Six Sigma, Poka yoke & CEDAC

**Day Six:** Management responsibility & Policy deployment

**Day Seven:** Value Stream Mapping

**Day Eight:** Company-wide improvement & SME Lean Certification

## Who Should Attend?

This course is a must for: top managers seeking to apply Lean Thinking in their facilities, new hires at companies using lean principles, anyone considering implementing a Continuous Improvement program, employees looking for a comprehensive refresher, and anyone who is planning to take the National Lean Certificate Exam.

## After completing this program, participants will be able to:

- ✓ Demonstrate a solid understanding of lean principles
- ✓ Know which of the tools they can implement to help their bottom line
- ✓ Determine key opportunities and apply these tools in their own factory
- ✓ Achieve Bronze level Certification at the national level



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