



## EMS Consulting Group

### Lean Certification Program – Blended Learning Version

**Description:**

**Curriculum: LEA09**

The Lean Manufacturing Certificate program will assist manufacturers with the challenge of implementing Lean and maintaining continuous improvements. This program includes 3 consecutive days of hands-on training including case exercises, simulation, and videos. It also includes supplemental online training that covers additional topics that are part of the body of knowledge required for the certification.

Participants will learn how to apply each of the principles and tools of lean including Value Stream Mapping, Continuous Flow Manufacturing Cells, Lean Production Control, Level Pull Production, kanban and pull systems, and Kaizen Events and tools. Certification requires the completion of a lean manufacturing project in your own company – to reinforce the learning and achieve real results in your specific environment.

The program includes the following training topics:

- Lean Overview (Instructor Led)
- Value Stream Mapping (Instructor Led with Team Hands-on Mapping)
- Kaizen Event Planning and Facilitation (Instructor Led with Team Exercise)
- Team Facilitation and Problem Solving (Instructor Led with Team Exercises)
- Continuous Flow and Kanban Implementation (Instructor Led with Hands-on Simulation)
- 5S (Online)
- Total Productive Maintenance (Online)
- Quick Changeover/SMED (Online)
- Mistake Proofing (Online)
- Problem Solving Tools (Online)
- Lean Metrics (Online)

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**866-559-5598**

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