



Training made possible through the South Bend Pathways On Demand Workforce Development Program

LEAN IMPLEMENTATION LEADER CERTIFICATION

Team Member: Group 1 Dates*: July 19, Aug. 2, Aug. 23 Group 2 Dates*: July 26, Aug. 9, Aug. 30
Lean Implementor*: Sept. 13, Sept. 20, Sept. 27, Oct. 4, Oct. 11, Oct. 18-20, Dec. 6 (presentations)

*Subject to change

Take your Lean education to the next level with Lean Implementation Leader Certification Training.

Most lean programs teach you the fundamentals, but very few grow both your Team Members AND your Lean Implementation Leaders, AND put their newly learned skills into action all within a few months. You'll go from concept to implementation with results-driven projects, access to industry experts, and one-on-one project coaching at your facility. The ultimate goal: lean professional development for your team and **cost savings for your organization.**

Lean Implementation Leader Course Objectives:

- Explore the fundamentals of Lean manufacturing, including the eight wastes
- Learn Lean culture's role in maintaining an environment of continuous improvement
- Transform the appearance and functionality of a workplace and improve quality, efficiency, and profitability using 5S
- Implement problem-solving methods, tools, and techniques
- Create Value Stream Maps (VSM) to document, analyze, and improve processes
- Use set-up reduction and quick changeover (QCO) techniques to save both time and money
- Achieve dramatic improvement in uptime and capacity utilizing total productive maintenance (TPM)
- Learn to effectively facilitate Kaizen events
- Implement methods to measure financial impact
- Identify project management strategies to successfully implement continuous improvement projects
- Participate in a 3-day Kaizen event

Intended Audience:

- Individuals in manufacturing environments that who contribute to and/or lead and influence continuous improvement projects and/or activities

See page 2 for details on mentor expectations and the opportunity to host the 3-day Kaizen event.

COURSE OVERVIEW

Lean Implementation Leaders must register for both Lean Team Member Certification Training and Lean Implementation Leader Training.

Lean Team Member Certification Training - 3 Days

- Principles of Lean Manufacturing/Lean Culture (8 hours)
- 5-S The Visual Workplace (8 hours)
- Problem Solving Using PDCA, A3 and Root Cause Analysis (8 hours)

Lean Implementation Leader Certification Training - 8 Days

- Value Stream Mapping (8 hours)
- VSM & A3 Review (8 hours)
- Quick Changeover & Total Productive Maintenance (8 hours)
- Kaizen Facilitation, Project Management & Project Financials (8 hours)
- Lean Implementation Material Review/Exam (4 hours)
- 3-Day Kaizen Event (Three 8-hour sessions)*
- Project Coaching (one-on-one) *Not included in series dates listed above*
- Project Presentations (4 hours)

Please note:

- In order to receive Lean Implementation Leader certification, participants must complete an instructor-approved project and pass the written exam.



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LEAN IMPLEMENTATION LEADER CERTIFICATION (cont.)

Ensure success and identify a mentor for the Lean trainees from your organization.

To get the most benefit from the Lean Implementation Leader Certification series, an identified mentor from each organization is advised. The Purdue MEP Lean instructor will communicate with mentors regarding project updates and the importance of each participant's project along with assistance to access company data for their project.

Expectations of Mentors:

- Assist in identifying a project to be completed during the program
- Secure project resources as needed
- Champion the project at the executive and line management levels to secure buy-in
- Help clarify performance goals (long- and short-term)
- Encourage independent behavior but invest sufficient time in working with your Lean Implementation Leaders
- Offer learning challenges and opportunities, as well as support learning in between training sessions
- Allow for some failures and encourage learning from those failures

Please include contact information for the mentor when registering for the Lean Implementation Leader Certification Training.

Host a Kaizen event at your facility and immediately realize the cost savings for your organization!

We have an opportunity for one company to be the host of a 3-day Kaizen event for the Lean Implementation Leader Certification trainees. Approximately 10 attendees will be onsite at your facility completing an event while you reap the benefits of their cost savings and results-driven project.

To volunteer as a host company, please select this option on the registration form.