



# Lean Manufacturing Level Two Certification Winter 2024



## Benefits of LEAN

### Tangible

- Reduced Lead Time
- Improved Quality
- Reduced Cost
- Reduced Inventory
- Improved Productivity
- Better Floor-space Utilization

### Intangible

- Better Teamwork
- Improved Morale
- Better Perception in the Eyes of the Customer

To set up your LEAN Certification, contact your IMC Business Advisor or call 800-326-9467

<http://IMCpa.com/events/>

IMC's Lean Manufacturing Level Two Certification prepares attendees to be effective Process Improvement team members and change agents. This 8-day program equips participants not only to identify sources of waste and inefficiency but also to implement the core disciplines of Lean/Continuous Improvement in their workplaces. Participants will have the capability of leading modest improvement efforts independently or serving as key contributors to larger team initiatives.

It is recommended that attendees have graduated from IMC's Lean Manufacturing Level One Certification or have proven experience with using Lean tools and implementing Lean practices. Attendees will receive instruction on the Kata Improvement Model, which is a key cultural principle at the center of the next generation of Continuous Improvement. Graduates will be adequately prepared to lead continuous improvement projects and company-wide initiatives.

## Summary of Sessions:

### Fundamentals of Improvement & Coaching Kata - January 31

Improvement Kata is a repeating routine of establishing challenging target conditions, working step-by-step through obstacles and learning from problems encountered along the way. Coaching Kata is a pattern of teaching improvement kata to employees at every level, ensuring that it permeates their thinking and actions.

### Developing Challenges & Key Performance Indicators - February 14

Learn that a challenge can be thought as the purpose of the improvement efforts. Participants will be asked to create their "project challenge". With an established challenge, you will be asked to develop performance indicators that will provide useful feedback and information to your improvement efforts.

### Current Condition, Target Conditions & Project Coaching - February 28

Learn how to deeply uncover the current conditions of their process under study. Various methods to uncover conditions will be discussed and put into practice that will help participants truly understand their process. Coaching with instructor on chosen improvement initiative.

## Jeff Kopenitz, Lean Certification Instructor

- ◆ Lean Master Black Belt & MBA
- ◆ Penn State Electrical Engineer
- ◆ 25 years manufacturing experience with GE and Stanley Tool
- ◆ 10 years Lean/CI consulting, training and implementations with small and mid-sized manufacturing companies

## Summary of Sessions (Cont.):

### Plant Visit #1, Challenge, Current & Target Condition - March 13

Visit a facility and participate in establishing an organization's Challenge, Current and Target Condition. The objective of this day is to practice what has been discussed in previous sessions.

### Improvement Coaching & Project Coaching - April 10

Learn the basic Improvement Coaching Fundamentals. Uncover what to STOP doing and what to START doing. One-on-one coaching session with the instructor to discuss and review their chosen improvement initiative.

### Plant Visit #2, Running Improvement Experiments - April 24

Participants will conduct several experiments while working through identified obstacles to a Current Target Condition. Learn to utilize the PDCA log while conducting and iterating towards Target Conditions.

### Experimenting & Introduction to Job Instruction Standard Work - May 8

A continuation of session 6, participants will be introduced to driving sustainability with the improvement efforts with Training Within Industry (TW) Job Instruction. Learn the four-step method of Job Instruction and see it applied to a real case scenario.

### Team Presentations & Graduation - May 22

Participants will share their initiative results and lessons learned from the improvement efforts. Discussions during a reflection session include next steps, what the organization and learner would like to emphasize or focus upon and what skills are necessary. Participants will receive certificates.

#### Identify the Waste

- Defects
- Overproduction
- Waiting
- Non-utilized People Skills
- Transportation
- Inventory
- Motion
- Extra Processing

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