

Exploring Lean Manufacturing Basics

written by Lauri Moon | August 11, 2025



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(3-Hr, in-person, Altoona, PA)



IMC's Exploring Lean Manufacturing Basics, 3-hour introductory program, provides participants with a foundational understanding of Lean Manufacturing. Participants will explore the basic concepts behind Lean thinking and how it supports efficiency, teamwork, and continuous improvement in a manufacturing environment. The program is designed to help employees become familiar with the key principles, terminology, and workplace practices that are part of a Lean culture. No prior Lean experience is needed, just curiosity and a willingness to learn how your role fits into the bigger picture of improving processes and reducing waste.

Register now for only \$189!

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Learning Objectives:

- Recognize the basic principles of Lean Manufacturing and describe how they support an **efficient and productive workplace**.
- Discover the importance of **minimizing waste** and being mindful of how everyday actions impact workflow and efficiency.
- **Understand common Lean concepts and terminology** used in manufacturing environments.

Course Outline:

- Introduction to Lean Manufacturing
 - Definition, origin and impact
 - Continuous Improvement: Kaizen and Kata
- Principles of Lean Manufacturing
 - Understanding value from the customer's perspective
 - Systems and process thinking
 - Improving Flow
 - Eliminating Waste
- Lean Tools and Techniques
 - Lean Production
 - Improving Workflow
 - Mapping Processes
 - Reducing Waste
 - The 8 Wastes of Lean
 - Organization of Work and Workstations
 - Identifying and Solving Problems
 - Root Cause Analysis
 - Plan-Do-Check-Act Cycle
 - 5 Whys
- Definitions of Common Lean Terms
- Q&A and Wrap-up

Exploring Lean Manufacturing Basics Outline

Why Attend?

- **Build confidence** on the shop floor by understanding Lean Manufacturing principles and how they impact your daily work.
- Become a Lean/CI **Rock Star** when you learn tools and techniques that help you communicate better with continuous improvement leaders.
- Using newly learned terminology, you'll become a **highly valued communicator** who is **more visible** and **respected** by both leaders and peers.
- Become a **self-assured champion** for team discussion when you use real-world examples, not textbook lingo when communicating with your peers.

Who Should Attend:

Ideal for anyone in manufacturing looking to boost efficiency and reduce waste. **Perfect for:** production operators, team leads, quality staff, maintenance, engineers, materials/inventory personnel, administrative support, and new hires. No Lean experience required—just a desire to improve processes.

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Meet Your Presenter:



Instruction provided by IMC Business Advisor Tim Davis. Tim has over 35 years of management and operational experience in manufacturing businesses in Central and

Southwestern PA. Various career roles include Operations Manager, Safety Manager, HR Manager, Sales Manager, Sales Rep, Service Manager, executive/business coach and trainer. His areas of expertise include employee development, strategic planning, people skills, effective communication, leadership, safety, time management, sales and customer service.



This training qualifies for WEDnetPA funding for qualified participants. Not familiar with WEDnetPA funding, contact IMC at info@imcpa.com.